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NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	NOV 21	CAS patent coverage to include exemplified prophetic substances identified in English-, French-, German-, and Japanese-language basic patents from 2004-present
NEWS	3	NOV 26	MARPAT enhanced with FSORT command
NEWS	4	NOV 26	CHEMSAFE now available on STN Easy
NEWS	5	NOV 26	Two new SET commands increase convenience of STN searching
NEWS	6	DEC 01	ChemPort single article sales feature unavailable
NEWS	7	DEC 12	GBFULL now offers single source for full-text coverage of complete UK patent families
NEWS	8	DEC 17	Fifty-one pharmaceutical ingredients added to PS
NEWS	9	JAN 06	The retention policy for unread STNmail messages will change in 2009 for STN-Columbus and STN-Tokyo
NEWS	10	JAN 07	WPIDS, WPINDEX, and WPIX enhanced Japanese Patent Classification Data
NEWS	11	FEB 02	Simultaneous left and right truncation (SLART) added for CERAB, COMPUAB, ELCOM, and SOLIDSTATE
NEWS	12	FEB 02	GENBANK enhanced with SET PLURALS and SET SPELLING
NEWS	13	FEB 06	Patent sequence location (PSL) data added to USGENE
NEWS	14	FEB 10	COMPENDEX reloaded and enhanced
NEWS	15	FEB 11	WTEXTILES reloaded and enhanced
NEWS	16	FEB 19	New patent-examiner citations in 300,000 CA/CAplus patent records provide insights into related prior art
NEWS	17	FEB 19	Increase the precision of your patent queries -- use terms from the IPC Thesaurus, Version 2009.01
NEWS	18	FEB 23	Several formats for image display and print options discontinued in USPATFULL and USPAT2
NEWS	19	FEB 23	MEDLINE now offers more precise author group fields and 2009 MeSH terms
NEWS	20	FEB 23	TOXCENTER updates mirror those of MEDLINE - more precise author group fields and 2009 MeSH terms
NEWS	21	FEB 23	Three million new patent records blast AEROSPACE into STN patent clusters
NEWS	22	FEB 25	USGENE enhanced with patent family and legal status display data from INPADOCDB
NEWS	23	MAR 06	INPADOCDB and INPAFAMDB enhanced with new display formats
NEWS	24	MAR 11	EPFULL backfile enhanced with additional full-text applications and grants
NEWS	25	MAR 11	ESBIOBASE reloaded and enhanced
NEWS EXPRESS	JUNE 27 08	CURRENT WINDOWS VERSION IS V8.3, AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.	

NEWS HOURS      STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN      Welcome Banner and News Items  
NEWS IPC8       For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 10:23:07 ON 17 MAR 2009

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.22	0.22

FILE 'REGISTRY' ENTERED AT 10:23:19 ON 17 MAR 2009  
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STRUCTURE FILE UPDATES: 15 MAR 2009 HIGHEST RN 1121544-94-2  
DICTIONARY FILE UPDATES: 15 MAR 2009 HIGHEST RN 1121544-94-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

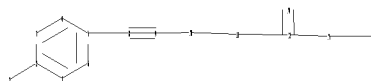
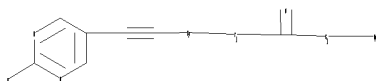
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

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Uploading C:\Program Files\STNEXP\Queries\10596745newsearch1.str



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ring nodes :
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chain bonds :
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ring bonds :
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exact bonds :
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normalized bonds :
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G1:C,O,N

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Match level :
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11:CLASS 12:CLASS 14:CLASS 15:CLASS 17:Atom

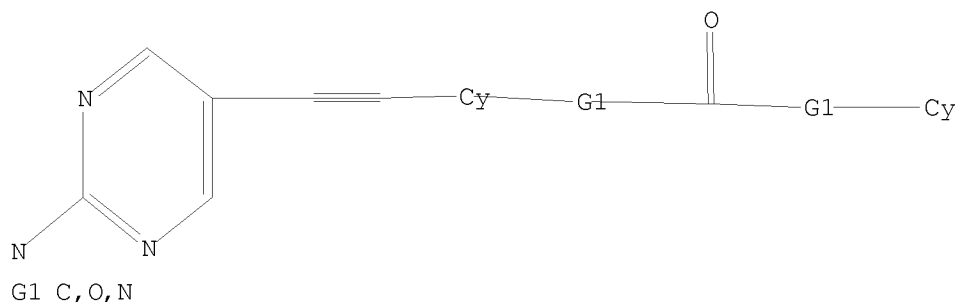
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L1 STR



Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SEARCH INITIATED 10:23:35 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 531 TO ITERATE

100.0% PROCESSED 531 ITERATIONS

9 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 9238 TO 12002

PROJECTED ANSWERS: 9 TO 360

L2 9 SEA SSS SAM L1

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100.0% PROCESSED 10233 ITERATIONS

172 ANSWERS

SEARCH TIME: 00.00.02

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

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FILE 'CAPLUS' ENTERED AT 10:24:02 ON 17 MAR 2009

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FILE COVERS 1907 - 17 Mar 2009 VOL 150 ISS 12  
FILE LAST UPDATED: 16 Mar 2009 (20090316/ED)

Caplus now includes complete International Patent Classification (IPC)  
reclassification data for the third quarter of 2008.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate  
substance identification.

=> s l3

L4 3 L3

=> d ibib abs hitstr 1-3

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2006:790854 CAPLUS

DOCUMENT NUMBER: 145:230644

TITLE: Preparation of pyrimidine derivatives and their use as  
Tie2 receptor tyrosine kinase inhibitors

INVENTOR(S): Jones, Clifford David; Luke, Richard William Arthur;  
Mccoull, William

PATENT ASSIGNEE(S): Astrazeneca AB, Swed.; Astrazeneca Uk Limited

SOURCE: PCT Int. Appl., 168pp.

CODEN: PIXXD2

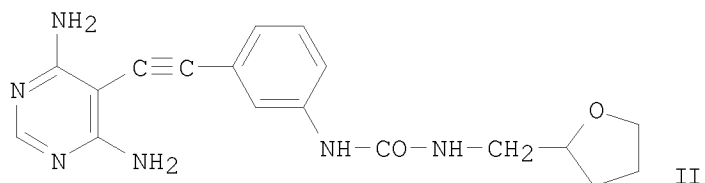
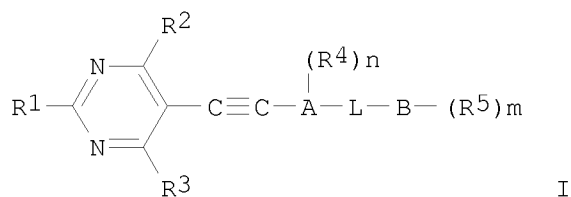
DOCUMENT TYPE: Patent

LANGUAGE: English

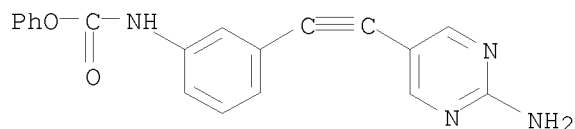
FAMILY ACC. NUM. COUNT: 1

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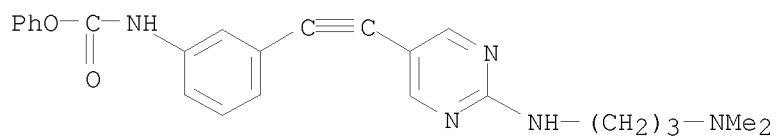
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EP 1863805	A1	20071212	EP 2006-701245	20060127
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JP 2008528663	T	20080731	JP 2007-553683	20060127
IN 2007DN05604	A	20070817	IN 2007-DN5604	20070719
CN 101137652	A	20080305	CN 2006-80007855	20070911
PRIORITY APPLN. INFO.:			GB 2005-1984	A 20050201
			GB 2005-2417	A 20050205
			GB 2005-12614	A 20050621
			WO 2006-GB284	W 20060127
OTHER SOURCE(S):	CASREACT 145:230644; MARPAT 145:230644			
GI				



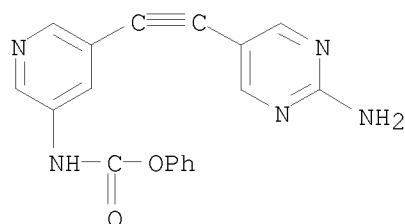
- AB Substituted pyrimidine derivs. I, wherein R1 is an (un)substituted amine, (un)substituted 3-7 membered heterocyclic ring; R2 and R3 are H, (un)substituted alkyl, (un)substituted alkoxy; A is a 5 or 6 membered heteroaryl ring; R4 is halo, cyano, alkoxy, cyclopropyl, alkyl, where the alkoxy or alkyl groups are optionally substituted by cyano or 1 or more fluoro groups; L is meta or para attached by an (un)substituted amide, (un)substituted amine, alkyl group; B is a cycloalkyl, heterocyclic ring, aryl, heteroaryl, bicyclic ring; R5 is a halo, hydroxyl, amino, alkylamino, cyano, cycloalkyl ring, an (un)substituted 3 to 7 membered heterocyclic ring; m and n are 0-3 are prepared and used as as medicaments and in the production of an anti-angiogenic effect in a warm blooded animal. Thus, II was prepared and tested as an in vitro inhibitor of the Tie2 receptor tyrosine kinase and in the inhibition of autophosphorylation of Tie2 receptor tyrosine kinase (IC<sub>50</sub> are 1.5 and 1.9  $\mu$ M resp.). Further, I can be used in the treatment of cancer and as antineoplastic prodrugs.
- IT 857265-17-9P, Phenyl[3-[(2-aminopyrimidin-5-yl)ethynyl]phenyl]carbamate 857266-46-7P, Phenyl 3-[[2-[[3-(dimethylamino)propyl]amino]pyrimidin-5-yl]ethynyl]phenylcarbamate 905439-39-6P 905439-44-3P 905439-48-7P 905439-61-4P 905439-64-7P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (preparation of pyrimidine derivs. and their use as Tie2 receptor tyrosine kinase inhibitors)
- RN 857265-17-9 CAPLUS
- CN Carbamic acid, [3-[(2-amino-5-pyrimidinyl)ethynyl]phenyl]-, phenyl ester (9CI) (CA INDEX NAME)



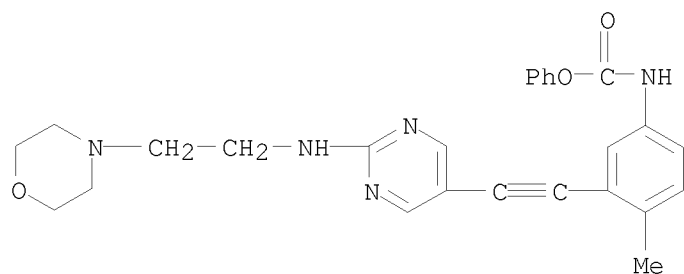
- RN 857266-46-7 CAPLUS
- CN Carbamic acid, [3-[[2-[[3-(dimethylamino)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-, phenyl ester (9CI) (CA INDEX NAME)



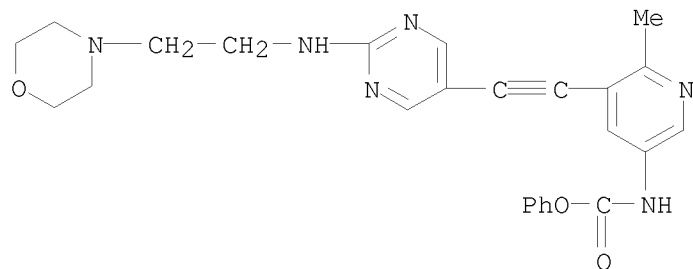
RN 905439-39-6 CAPLUS  
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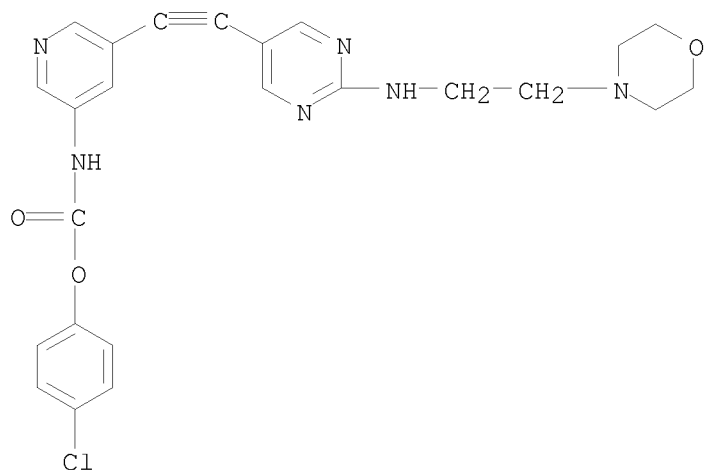
RN 905439-44-3 CAPLUS  
 CN Carbamic acid, [4-methyl-3-[[2-[[2-(4-morpholinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-, phenyl ester (9CI) (CA INDEX NAME)



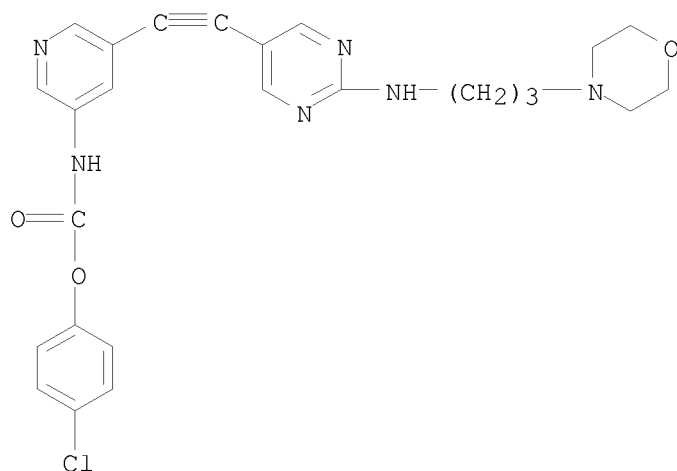
RN 905439-48-7 CAPLUS  
 CN Carbamic acid, [6-methyl-5-[[2-[[2-(4-morpholinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]-3-pyridinyl]-, phenyl ester (9CI) (CA INDEX NAME)



RN 905439-61-4 CAPLUS  
 CN Carbamic acid, [5-[[2-[[2-(4-morpholinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]-3-pyridinyl]-, 4-chlorophenyl ester (9CI) (CA INDEX NAME)



RN 905439-64-7 CAPLUS  
 CN Carbamic acid, [5-[[2-[[3-(4-morpholinyl)propyl]amino]-5-pyrimidinyl]ethynyl]-3-pyridinyl]-, 4-chlorophenyl ester (9CI) (CA INDEX NAME)



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2006:381241 CAPLUS

DOCUMENT NUMBER: 144:432828

TITLE: Heteroaryl-substituted alkyne compounds as protein kinase inhibitors, their preparation, pharmaceutical compositions, and use in therapy

INVENTOR(S): Chaffee, Stuart C.; Albrecht, Brian K.; Hodous, Brian L.; Martin, Matthew W.; McGowan, David C.; Dimauro, Erin F.; Reddy, Gade; Cee, Victor J.; Olivieri, Philip R.; Reed, Anthony; Romero, Karina

PATENT ASSIGNEE(S): Amgen Inc., USA

SOURCE: PCT Int. Appl., 330 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:



PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006044823	A2	20060427	WO 2005-US37299	20051017
WO 2006044823	A3	20060615		
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RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
US 20060217380	A1	20060928	US 2005-251490	20051014
AU 2005295414	A1	20060427	AU 2005-295414	20051017
CA 2583907	A1	20060427	CA 2005-2583907	20051017
EP 1802586	A2	20070704	EP 2005-812237	20051017
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU			
PRIORITY APPLN. INFO.:			US 2004-620100P	P 20041018
			US 2005-251490	A 20051014
			WO 2005-US37299	W 20051017
OTHER SOURCE(S):	CASREACT 144:432828; MARPAT 144:432828			
GI				

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

AB The invention relates to heteroaryl-substituted alkynes of formula I, which are protein kinase modulators. In compds. I, W, X, Y, and Z are independently selected from N and (un)substituted C; R1 is (un)substituted amino, acyl, acyloxy, carboxylate, carbamoyl, thiocarbamoyl, etc.; and R2 is 5- to 8-membered monocyclic, 6- to 12-membered bicyclic, or 7- to 14-membered tricyclic ring system, optionally including 1-3 heteroatoms selected from O, N, and S; including stereoisomers, tautomers, solvates, salts, derivs., and prodrugs thereof. The invention also relates to the preparation of I, pharmaceutical compns. comprising a compound I and a pharmaceutically acceptable carrier, as well as to the use of the compns. for the prophylaxis and treatment of protein kinase-mediated diseases, including inflammation, cancer and related conditions. Chlorination of 3-iodo-4-methylbenzoic acid and amidation with 3-trifluoromethylaniline gave benzamide II, which underwent coupling with 2-amino-5-ethynylpyrimidine (preparation from 2-amino-5-iodopyrimidine and trimethylsilylacetylene is given) to give pyrimidinylalkyne III. Several compds. of the invention, e.g., III, express IC50 values of less than or equal to 10  $\mu$ M both for Tie-2 and Lck kinase.

IT 884602-98-6P, N-[4-[2-(2-Aminopyrimidin-5-yl)ethynyl]-3-methylphenyl]-N'-[3-(trifluoromethyl)phenyl]urea 884603-00-3P 884604-13-1P, N-[3-Methyl-4-[[4-[[2-(methyloxy)phenyl]oxy]-2-[[4-(4-methyl-1-piperazinyl)phenyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[3-(trifluoromethyl)phenyl]urea

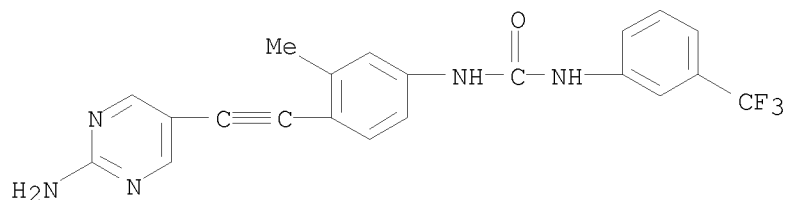
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug candidate; preparation of heteroaryl-substituted alkynes as protein

kinase modulators)

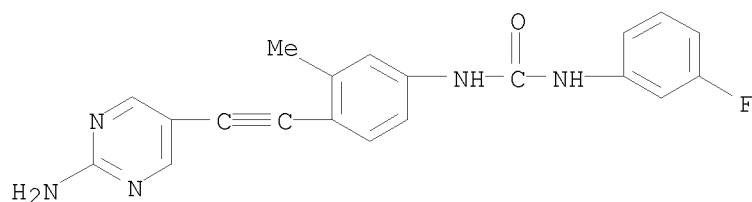
RN 884602-98-6 CAPLUS

CN Urea, N-[4-[2-(2-amino-5-pyrimidinyl)ethynyl]-3-methylphenyl]-N'-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)



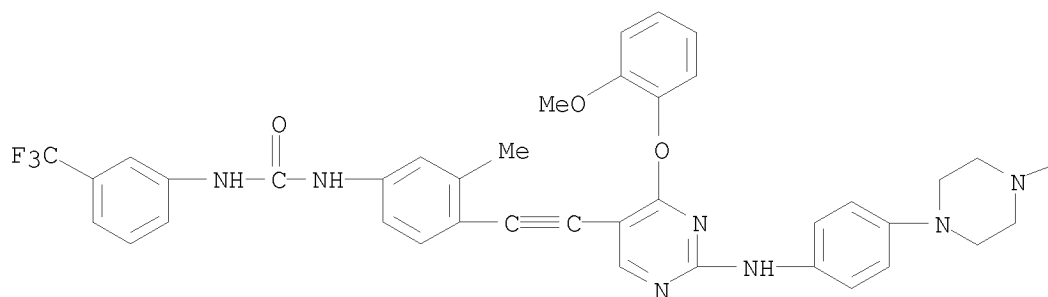
RN 884603-00-3 CAPLUS

CN Urea, N-[4-[2-(2-amino-5-pyrimidinyl)ethynyl]-3-methylphenyl]-N'-(3-fluorophenyl)- (CA INDEX NAME)



RN 884604-13-1 CAPLUS

CN Urea, N-[4-[2-[4-(2-methoxyphenoxy)-2-[[4-(4-methyl-1-piperazinyl)phenyl]amino]-5-pyrimidinyl]ethynyl]-3-methylphenyl]-N'-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)



PAGE 1-A

PAGE 1-B

Me

REFERENCE COUNT:

10

THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:588668 CAPLUS

DOCUMENT NUMBER: 143:115557

TITLE: Preparation of 2-aminopyrimidine derivatives as inhibitors of Tie2 receptor tyrosine kinases

INVENTOR(S): Jones, Clifford David; Luke, Richard William Arthur; McCoull, William

PATENT ASSIGNEE(S): Astrazeneca AB, Swed.; Astrazeneca UK Limited

SOURCE: PCT Int. Appl., 178 pp.

CODEN: PIXXD2

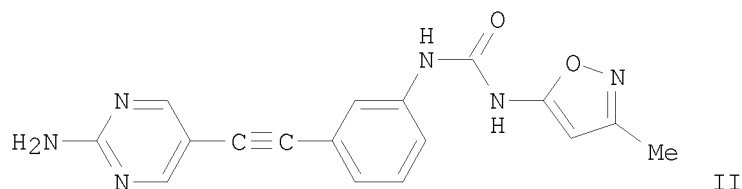
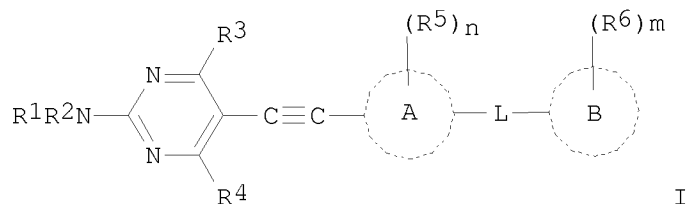
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

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EP 1737463	A1	20070103	EP 2004-806139	20041220
EP 1737463	B1	20081203		
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CN 1917879	A	20070221	CN 2004-80041901	20041220
JP 2007517007	T	20070628	JP 2006-546306	20041220
AT 415970	T	20081215	AT 2004-806139	20041220
US 20080108608	A1	20080508	US 2006-596745	20060622
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PRIORITY APPLN. INFO.:			GB 2003-30000	A 20031224
			GB 2004-16849	A 20040729
			WO 2004-GB5337	W 20041220
OTHER SOURCE(S):			CASREACT 143:115557; MARPAT 143:115557	
GI				

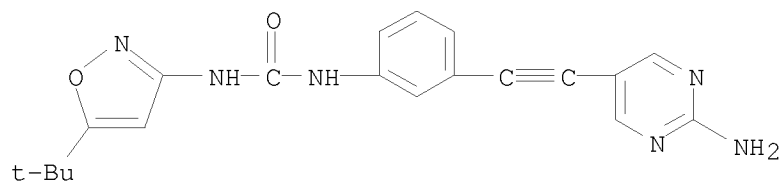


AB Title compds. I [wherein R1, R2 = H, alkyl, alkanoyl; R3, R4 = H, alkyl, alkoxy; R5 = cyclopropyl, halo, cyano; m, n = 0-3; R6 = halo, oxo, cyano; etc., or salts thereof] were prepared as inhibitors of Tie2 receptor tyrosine kinases. Processes for the synthesis of I and some intermediates involved are claimed. For example, 2-amino-5-iodopyrimidine underwent Pd-catalyzed coupling with 3-ethynylaniline in the presence of CuI. The resultant substituted aniline was condensed with a carbamate, which was obtained from Ph chloroformate and 5-amino-3-methylisoxazole, to give urea II. This compound showed inhibition against Tie2 receptor tyrosine kinase in vitro and inhibition of autophosphorylation of Tie2 receptor tyrosine kinase with IC50 values of 19.871  $\mu$ M and 0.337  $\mu$ M, resp. Therefore, I and their pharmaceutical compns. have potential use in the production of an anti-angiogenic effect in a warm-blooded animal.

IT 857265-16-8P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(5-tert-butylisoxazol-3-yl)urea 857265-17-9P, Phenyl [3-[(2-aminopyrimidin-5-yl)ethynyl]phenyl]carbamate 857265-31-7P, N-[3-[[2-[(2-Aminoethyl)amino]pyrimidin-5-yl]ethynyl]phenyl]-N'-(5-tert-butylisoxazol-3-yl)urea 857265-32-8P, N-[3-[[2-[(3-Aminopropyl)amino]pyrimidin-5-yl]ethynyl]phenyl]-N'-(5-tert-butylisoxazol-3-yl)urea 857266-46-7P, Phenyl [3-[[2-[[3-(dimethylamino)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]carbamate  
 RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
 (inhibitor; preparation of pyrimidine derivs. as inhibitors of Tie2 receptor tyrosine kinases)

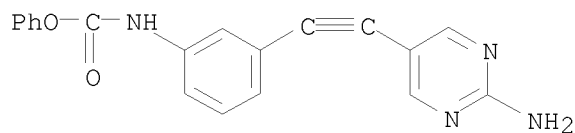
RN 857265-16-8 CAPLUS

CN Urea, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)



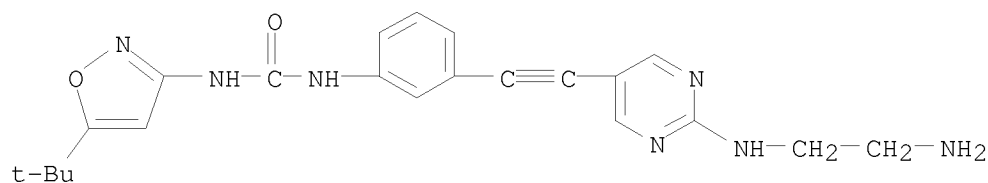
RN 857265-17-9 CAPLUS

CN Carbamic acid, [3-[(2-amino-5-pyrimidinyl)ethynyl]phenyl]-, phenyl ester (9CI) (CA INDEX NAME)



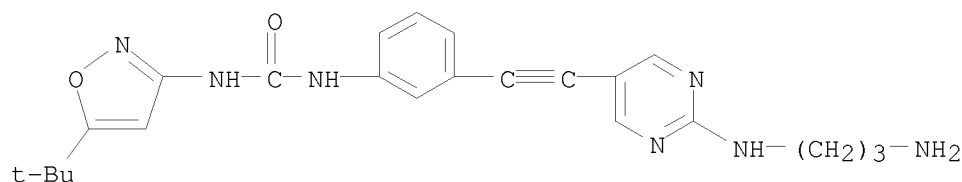
RN 857265-31-7 CAPLUS

CN Urea, N-[3-[2-[2-[(2-aminoethyl)amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)



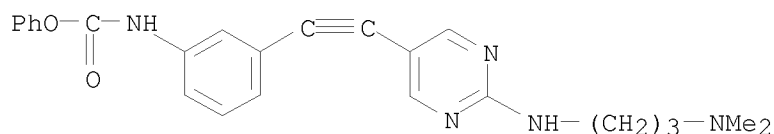
RN 857265-32-8 CAPLUS

CN Urea, N-[3-[2-[2-[(3-aminopropyl)amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)



RN 857266-46-7 CAPLUS

CN Carbamic acid, [3-[[2-[[3-(dimethylamino)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-, phenyl ester (9CI) (CA INDEX NAME)



IT 857264-91-6P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(2-fluoro-5-(trifluoromethyl)phenyl)urea 857264-93-8P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(2-(trifluoromethyl)phenyl)urea 857264-94-9P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(4-(trifluoromethyl)phenyl)urea 857264-95-0P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(2-fluorophenyl)urea 857264-96-1P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(3-fluorophenyl)urea 857264-97-2P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(4-fluorophenyl)urea 857264-98-3P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(3-methoxyphenyl)urea 857264-99-4P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(2,5-difluorophenyl)urea 857265-00-0P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(1,3-benzodioxol-5-yl)urea 857265-01-1P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(3-(trifluoromethyl)phenyl)urea 857265-02-2P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(2-methoxyphenyl)urea 857265-03-3P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(4-methoxyphenyl)urea 857265-04-4P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(3,4-difluorophenyl)urea 857265-05-5P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(3-cyanophenyl)urea 857265-06-6P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(3-chlorophenyl)urea 857265-07-7P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-cyclopentylurea 857265-08-8P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(3,5-difluorophenyl)urea 857265-09-9P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(5-

tert-butyl-1,3,4-thiadiazol-2-yl)urea 857265-13-5P,  
N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(3-methylisoxazol-5-yl)urea 857265-14-6P, N-[3-[[[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]amino]carbonyl]amino]phenyl]acetamide 857265-15-7P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-[4-(trifluoromethyl)pyridin-2-yl]urea 857265-18-0P,  
N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(2-oxopiperidin-3-yl)urea 857265-19-1P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-(methylamino)pyrimidin-5-yl]ethynyl]phenyl]urea 857265-22-6P,  
N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-(dimethylamino)pyrimidin-5-yl]ethynyl]phenyl]urea 857265-23-7P,  
N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[2-(morpholin-4-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-24-8P,  
N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[3-(morpholin-4-yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-25-9P,  
N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[(2-methoxyethyl)amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-26-0P,  
N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[3-(1H-imidazol-1-yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-27-1P,  
N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[(3-methoxypropyl)amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-28-2P,  
N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[(2-hydroxyethyl)amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-29-3P,  
N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[2-(pyrrolidin-1-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-30-6P,  
N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[3-(pyrrolidin-1-yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-33-9P,  
N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[2-(dimethylamino)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-34-0P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[3-(dimethylamino)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-35-1P, N-[5-[[3-[[[5-tert-Butylisoxazol-3-yl]amino]carbonyl]amino]phenyl]ethynyl]pyrimidin-2-yl]glycinamide 857265-36-2P 857265-37-3P,  
N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[2-(1H-imidazol-4-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-38-4P,  
N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[2-(pyridin-2-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-39-5P,  
N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[3-(isopropylamino)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-40-8P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[3-(4-methylpiperazin-1-yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-41-9P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[2-(pyridin-4-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-42-0P,  
N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[3-(piperidin-1-yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-43-1P,  
N-(5-Methylisoxazol-3-yl)-N'-[3-[[2-[[2-(pyrrolidin-1-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-47-5P,  
N-(5-tert-Butyl-1,3,4-thiadiazol-2-yl)-N'-[3-[[2-[[2-(pyrrolidin-1-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-48-6P,  
N-(3-Methylisothiazol-5-yl)-N'-[3-[[2-[[2-(pyrrolidin-1-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-49-7P,  
N-(3-Fluorophenyl)-N'-[3-[[2-[[2-(pyrrolidin-1-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-50-0P,  
N-(4-Methoxyphenyl)-N'-[3-[[2-[[2-(pyrrolidin-1-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-51-1P,  
N-(2-Fluorophenyl)-N'-[3-[[2-[[2-(pyrrolidin-1-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-52-2P,  
N-(2,5-Difluorophenyl)-N'-[3-[[2-[[2-(pyrrolidin-1-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-53-3P,  
N-(3,4-Difluorophenyl)-N'-[3-[[2-[[2-(pyrrolidin-1-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-54-4P,

N-[2-Fluoro-5-(trifluoromethyl)phenyl]-N'-[3-[[2-[[2-(pyrrolidin-1-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-55-5P,  
N-[3-[[2-[[2-(pyrrolidin-1-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]-N'-[4-(trifluoromethyl)phenyl]urea 857265-56-6P,  
N-(1,3-Benzodioxol-5-yl)-N'-[3-[[2-[[2-(pyrrolidin-1-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-57-7P,  
N-(4-Fluorophenyl)-N'-[3-[[2-[[2-(pyrrolidin-1-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-58-8P,  
N-(3-Chlorophenyl)-N'-[3-[[2-[[2-(pyrrolidin-1-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-59-9P,  
N-(5-Methylisoxazol-3-yl)-N'-[3-[[2-[[2-(morpholin-4-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-60-2P,  
N-(5-tert-Butyl-1,3,4-thiadiazol-2-yl)-N'-[3-[[2-[[2-(morpholin-4-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-61-3P,  
N-[2-Fluoro-5-(trifluoromethyl)phenyl]-N'-[3-[[2-[[2-(morpholin-4-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-62-4P,  
N-(5-Methylisoxazol-3-yl)-N'-[3-[[2-[[3-(morpholin-4-yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-63-5P,  
N-(5-tert-Butyl-1,3,4-thiadiazol-2-yl)-N'-[3-[[2-[[3-(morpholin-4-yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-64-6P,  
N-[2-Fluoro-5-(trifluoromethyl)phenyl]-N'-[3-[[2-[[3-(morpholin-4-yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-65-7P,  
N-(5-Methylisoxazol-3-yl)-N'-[4-[[2-[[2-(pyrrolidin-1-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-68-0P,  
N-(5-tert-Butylisoxazol-3-yl)-N'-[4-[[2-[[2-(pyrrolidin-1-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-69-1P,  
N-(5-tert-Butyl-1,3,4-thiadiazol-2-yl)-N'-[4-[[2-[[2-(pyrrolidin-1-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-70-4P,  
N-[2-Fluoro-5-(trifluoromethyl)phenyl]-N'-[4-[[2-[[2-(pyrrolidin-1-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-71-5P,  
N-[5-[[3-[[[5-tert-Butylisoxazol-3-yl]amino]carbonyl]amino]phenyl]ethynyl]pyrimidin-2-yl]-2-(2-methoxyethoxy)acetamide 857265-72-6P,  
N-[6-[[2-(Aminopyrimidin-5-yl)ethynyl]pyridin-2-yl]-N'-(5-tert-butylisoxazol-3-yl)urea 857265-76-0P,  
N-[2-[[2-(Aminopyrimidin-5-yl)ethynyl]pyridin-4-yl]-N'-(5-tert-butylisoxazol-3-yl)urea 857265-78-2P,  
N-[5-[[2-(Aminopyrimidin-5-yl)ethynyl]-1,3-thiazol-2-yl]-N'-[2-fluoro-5-(trifluoromethyl)phenyl]urea 857265-80-6P,  
N-[5-[[2-(Aminopyrimidin-5-yl)ethynyl]-1,3,4-thiadiazol-2-yl]-N'-[2-fluoro-5-(trifluoromethyl)phenyl]urea 857265-82-8P,  
N-[5-[[2-(Aminopyrimidin-5-yl)ethynyl]-1,3-thiazol-2-yl]-N'-(5-tert-butylisoxazol-3-yl)urea 857265-84-0P,  
N-[3-[[2-(Aminopyrimidin-5-yl)ethynyl]phenyl]-2-(2-methoxyphenyl)acetamide 857265-85-1P, 2-Phenyl-N-[3-[2-(2-aminopyrimidin-5-yl)ethynyl]phenyl]acetamide 857265-86-2P,  
N-[3-[[2-(Aminopyrimidin-5-yl)ethynyl]phenyl]-2-(3-methoxyphenyl)acetamide 857265-87-3P, N-[3-[[2-(Aminopyrimidin-5-yl)ethynyl]phenyl]-2-[3-(trifluoromethyl)phenyl]acetamide 857265-88-4P,  
N-[3-[[2-(Aminopyrimidin-5-yl)ethynyl]phenyl]-2-[4-(trifluoromethyl)phenyl]acetamide 857265-89-5P,  
N-[3-[[2-(Aminopyrimidin-5-yl)ethynyl]phenyl]-2-(3-methylisoxazol-5-yl)acetamide 857265-91-9P,  
N-[4-[[2-(Aminopyrimidin-5-yl)ethynyl]phenyl]-2-(2-methoxyphenyl)acetamide 857265-92-0P, N-[4-[[2-(Aminopyrimidin-5-yl)ethynyl]phenyl]-2-(3-methylisoxazol-5-yl)acetamide 857265-93-1P,  
N-[3-[[2-(Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(2,2-dimethyltetrahydro-2H-pyran-4-yl)urea 857265-94-2P,  
N-[6-[[2-(Aminopyrimidin-5-yl)ethynyl]pyrimidin-4-yl]-N'-(5-tert-butylisoxazol-3-yl)urea 857265-96-4P,  
N'-[3-[[2-(Aminopyrimidin-5-yl)ethynyl]phenyl]-N-(5-tert-butylisoxazol-3-yl)-N-methylurea 857265-97-5P,

N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-phenylurea  
857265-98-6P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(1-  
tert-butyl-3-cyclopropyl-1H-pyrazol-5-yl)urea 857265-99-7P,  
N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(5-methyl-1,3,4-thiadiazol-  
2-yl)urea 857266-00-3P,  
N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(5-ethyl-1,3,4-thiadiazol-  
2-yl)urea 857266-01-4P, N-[3-[(2-Aminopyrimidin-5-  
yl)ethynyl]phenyl]-N'-(5-isopropyl-1,3,4-thiadiazol-2-yl)urea  
857266-02-5P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(4-  
tert-butyl-1,3-thiazol-2-yl)urea 857266-03-6P,  
N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(5-methylisoxazol-3-  
yl)urea 857266-04-7P, N-[3-[(2-Aminopyrimidin-5-  
yl)ethynyl]phenyl]-N'-[5-(trifluoromethyl)-1,3,4-thiadiazol-2-yl]urea  
857266-05-8P, N'-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N-  
methyl-N-[5-(trifluoromethyl)-1,3,4-thiadiazol-2-yl]urea  
857266-06-9P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(5-  
cyclopropyl-1,3,4-thiadiazol-2-yl)urea 857266-07-0P,  
N-Phenyl-N'-[3-[[2-[[3-(piperidin-1-yl)propyl]amino]pyrimidin-5-  
yl]ethynyl]phenyl]urea 857266-09-2P,  
N-(5-Methylisoxazol-3-yl)-N'-[3-[[2-[[3-(piperidin-1-  
yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857266-10-5P,  
N-[3-[[2-[[3-(Piperidin-1-yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]-  
N'-[4-(trifluoromethyl)pyridin-2-yl]urea 857266-11-6P,  
N-(5-tert-Butyl-1,3,4-thiadiazol-2-yl)-N'-[3-[[2-[[3-(piperidin-1-  
yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857266-12-7P,  
N-(3-Methylisoxazol-5-yl)-N'-[3-[[2-[[3-(piperidin-1-  
yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857266-13-8P,  
N-(2-Methoxyphenyl)-N'-[3-[[2-[[3-(piperidin-1-yl)propyl]amino]pyrimidin-5-  
yl]ethynyl]phenyl]urea 857266-14-9P,  
N-(3-Fluorophenyl)-N'-[3-[[2-[[3-(piperidin-1-yl)propyl]amino]pyrimidin-5-  
yl]ethynyl]phenyl]urea 857266-15-0P,  
N-[3-[[2-[[4-Aminobutyl]amino]pyrimidin-5-yl]ethynyl]phenyl]-N'-(5-tert-  
butylisoxazol-3-yl)urea 857266-16-1P,  
N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[2-(piperidin-1-  
yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857266-17-2P,  
N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[2-  
(isopropylamino)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea  
857266-18-3P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[2-(2-  
hydroxyethoxy)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea  
857266-19-4P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[4-  
(dimethylamino)butyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea  
857266-20-7P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[2-  
(dimethylamino)-1-methylethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea  
857266-21-8P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[1-methyl-2-  
(morpholin-4-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea  
857266-22-9P 857266-25-2P 857266-26-3P,  
N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[2-(piperazin-1-  
yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857266-27-4P,  
N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[3-(piperazin-1-  
yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857266-29-6P,  
N-(5-tert-Butylisoxazol-3-yl)-N-methyl-N'-[3-[[2-[[2-(morpholin-4-  
yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857266-32-1P,  
N-(5-tert-Butylisoxazol-3-yl)-N-methyl-N'-[3-[[2-[[3-(morpholin-4-  
yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857266-33-2P,  
N-(5-tert-Butylisoxazol-3-yl)-N-methyl-N'-[3-[[2-[[3-(piperidin-1-  
yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857266-34-3P,  
N-(3-tert-Butyl-1-methyl-1H-pyrazol-5-yl)-N'-[3-[[2-[[3-(piperidin-1-  
yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857266-36-5P,  
N-(3-tert-Butyl-1-methyl-1H-pyrazol-5-yl)-N'-[3-[[2-[[3-(morpholin-4-  
yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857266-37-6P,  
N-(3-tert-Butyl-1-methyl-1H-pyrazol-5-yl)-N'-[3-[[2-[[2-(morpholin-4-  
yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857266-38-7P,



N-(3-tert-Butyl-1-methyl-1H-pyrazol-5-yl)-N'-[3-[[2-[[2-  
 (dimethylamino)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea  
 857266-39-8P, N-(3-tert-Butyl-1-methyl-1H-pyrazol-5-yl)-N'-[3-[[2-  
 [[2-(isopropylamino)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea  
 857266-40-1P, N-(3-Cyclopropyl-1-methyl-1H-pyrazol-5-yl)-N'-[3-[[2-  
 [[3-(piperidin-1-yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea  
 857266-42-3P, N-(3-Cyclopropyl-1-methyl-1H-pyrazol-5-yl)-N'-[3-[[2-  
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 857266-43-4P, N-(3-Cyclopropyl-1-methyl-1H-pyrazol-5-yl)-N'-[3-[[2-  
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 857266-44-5P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[2-(2-  
 hydroxy-1-oxoethyl)amino]ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea  
 857266-45-6P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[3-[[2-  
 hydroxyethyl)amino]propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea  
 857266-48-9P, N-[3-[[2-[[3-(Dimethylamino)propyl]amino]pyrimidin-5-  
 yl]ethynyl]phenyl]-N'-phenylurea 857266-49-0P,  
 N-[3-[[2-[[3-(Dimethylamino)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]-N'-  
 (5-methylisoxazol-3-yl)urea 857266-50-3P,  
 N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[3-  
 (dimethylamino)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]-N-methylurea  
 857266-51-4P, N'-[4-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N-(5-  
 tert-butylisoxazol-3-yl)-N-methylurea 857266-53-6P,  
 N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(5-tert-butylisoxazol-3-  
 yl)-N-methylurea 857266-57-0P,  
 N-[5-[(2-Aminopyrimidin-5-yl)ethynyl]pyridin-3-yl]-N'-(5-tert-  
 butylisoxazol-3-yl)urea 857266-61-6P,  
 N-[5-[(2-Aminopyrimidin-5-yl)ethynyl]pyridin-3-yl]-N'-(3-tert-butyl-1-  
 methyl-1H-pyrazol-5-yl)urea 857266-63-8P,  
 N-[5-[(2-Aminopyrimidin-5-yl)ethynyl]pyridin-3-yl]-N'-(3-cyclopropyl-1-  
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 N-[5-[(2-Aminopyrimidin-5-yl)ethynyl]-1,3-thiazol-2-yl]-N'-phenylurea  
 857266-65-0P, N-[5-[(2-Aminopyrimidin-5-yl)ethynyl]-1,3-thiazol-2-  
 yl]-N'-(2,2-dimethyltetrahydro-2H-pyran-4-yl)urea 857266-67-2P,  
 N-[5-[(2-Aminopyrimidin-5-yl)ethynyl]-1,3-thiazol-2-yl]-N'-(3-cyclopropyl-  
 1-methyl-1H-pyrazol-5-yl)urea 857266-70-7P,  
 N-[5-[(2-Aminopyrimidin-5-yl)ethynyl]-1,3-thiazol-2-yl]-N'-(3-tert-butyl-1-  
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 N-[5-[(2-Aminopyrimidin-5-yl)ethynyl]-1,3,4-thiadiazol-2-yl]-N'-phenylurea  
 857266-78-5P, N-[5-[(2-Aminopyrimidin-5-yl)ethynyl]-1,3,4-  
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 857266-82-1P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(1,3-  
 dimethyl-1H-pyrazol-5-yl)urea 857266-84-3P,  
 N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-[5-(ethylthio)-1,3,4-  
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 N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(3-cyclopropyl-1-methyl-1H-  
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 857266-96-7P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(5-  
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 857267-06-2P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-[3-  
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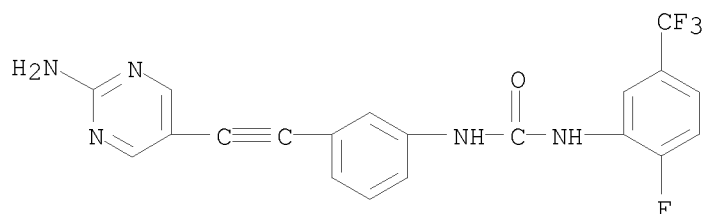
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU  
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(Uses)

(inhibitor; preparation of pyrimidine derivs. as inhibitors of Tie2 receptor tyrosine kinases)

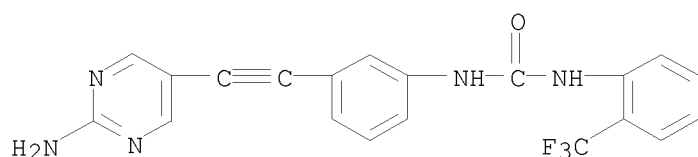
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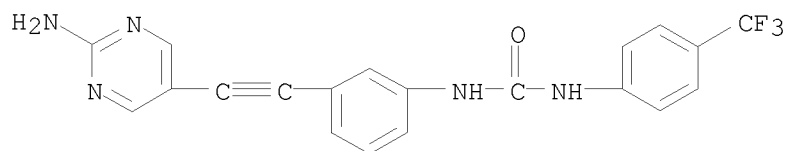
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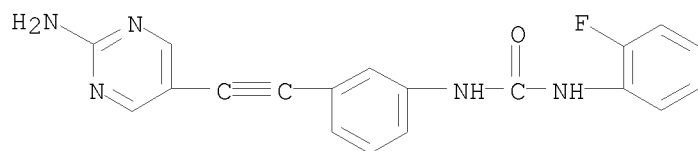
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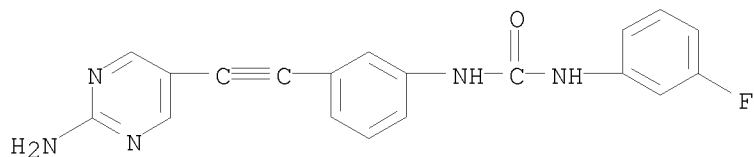
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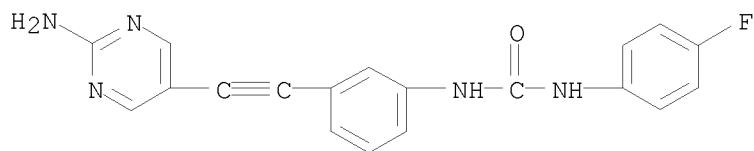


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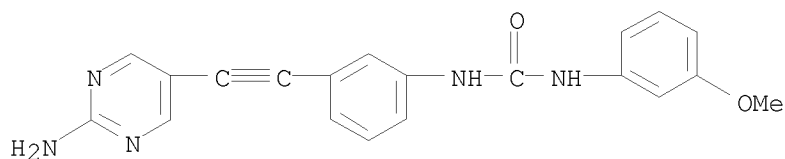
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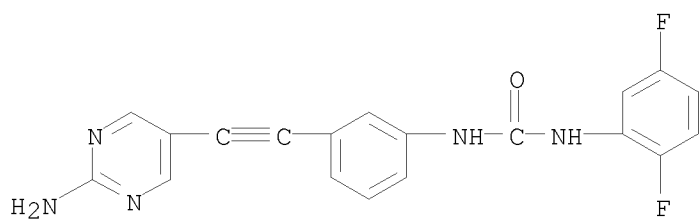
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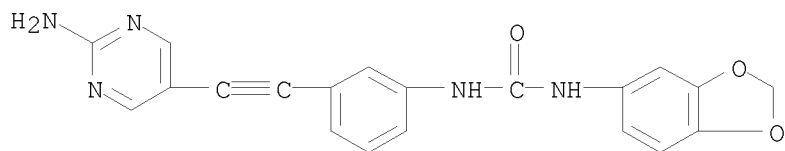
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RN 857264-99-4 CAPLUS  
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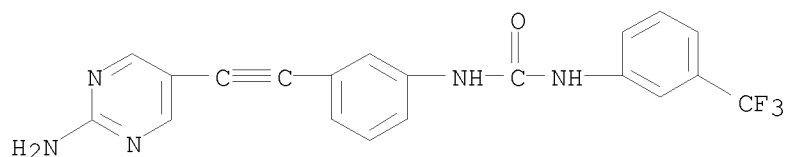


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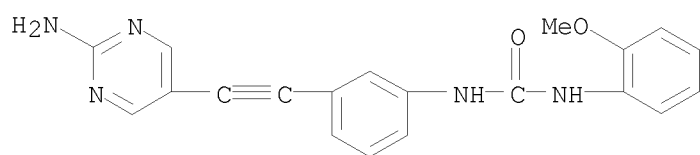
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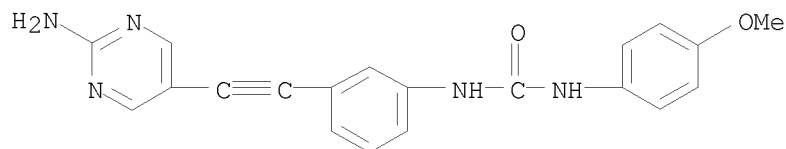
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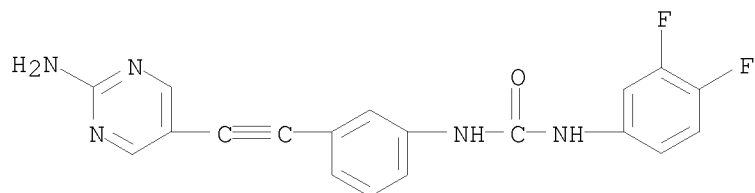
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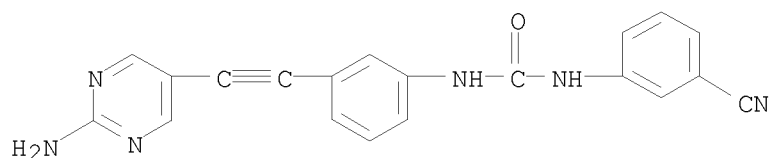
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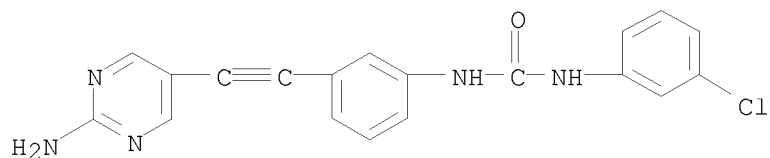


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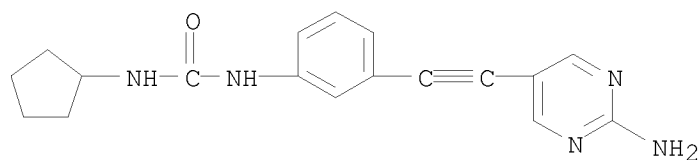
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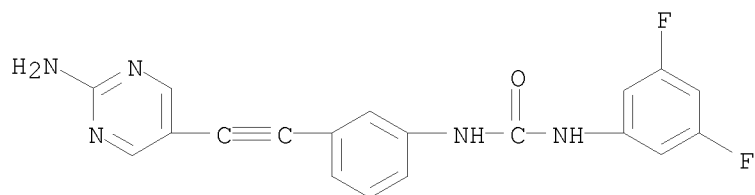
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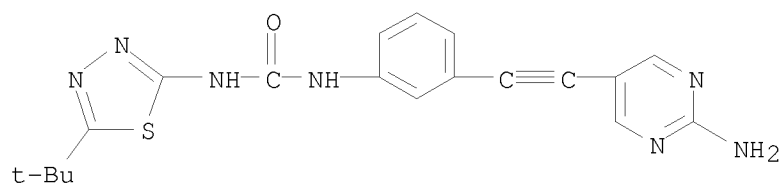
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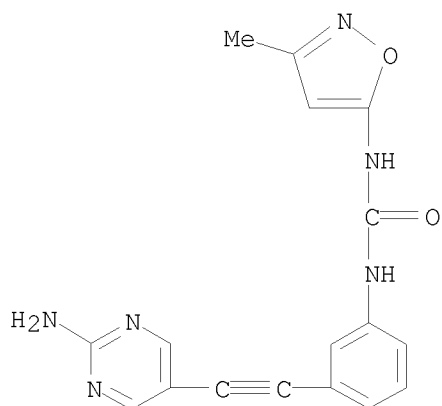
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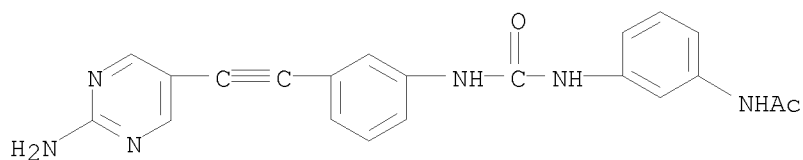
RN 857265-09-9 CAPLUS  
 CN Urea, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]- (CA INDEX NAME)



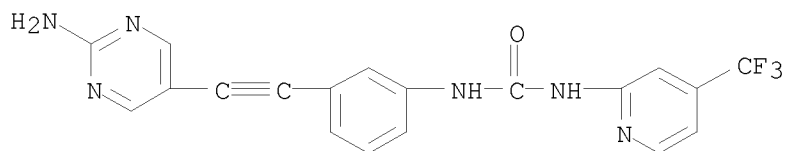
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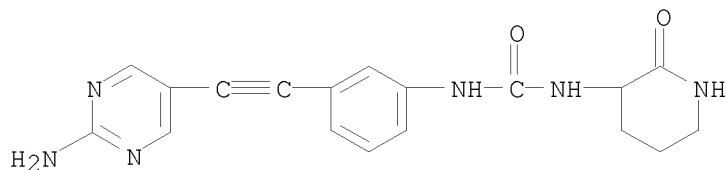
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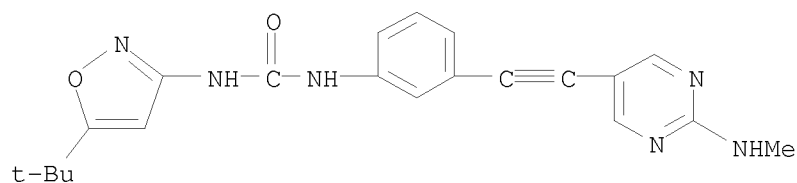
RN 857265-15-7 CAPLUS  
 CN Urea, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-N'-(4-(trifluoromethyl)-2-pyridinyl)- (CA INDEX NAME)



RN 857265-18-0 CAPLUS  
 CN Urea, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-N'-(2-oxo-3-piperidinyl)- (CA INDEX NAME)

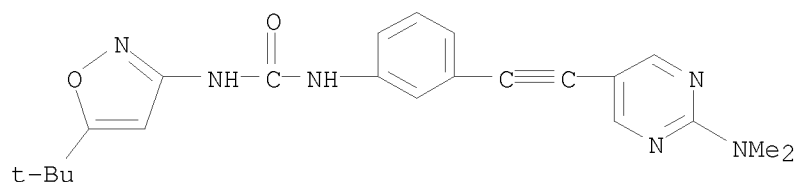


RN 857265-19-1 CAPLUS  
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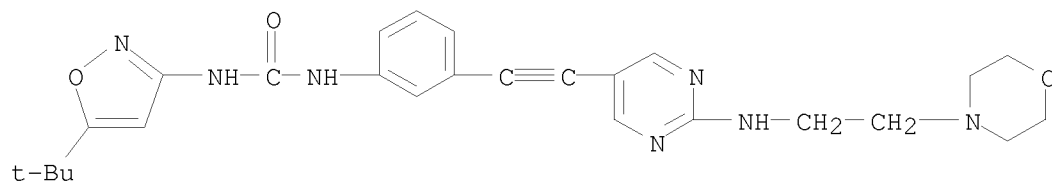
RN 857265-22-6 CAPLUS

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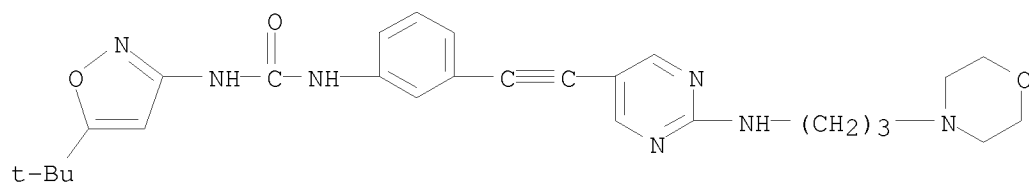
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CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[2-(4-morpholinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



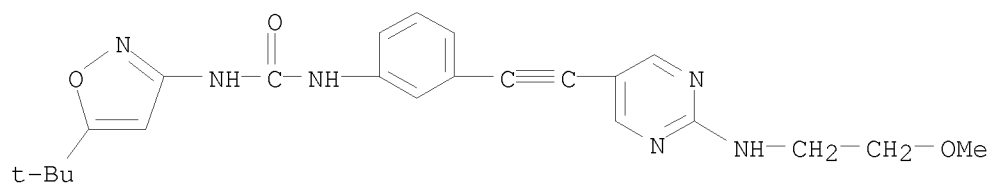
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CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[3-(4-morpholinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



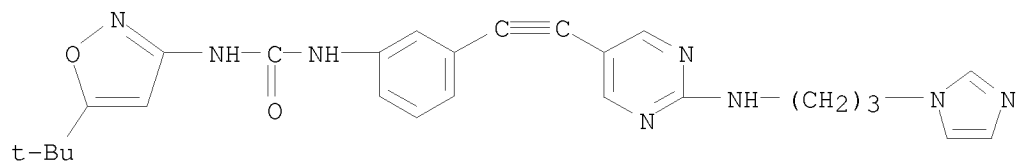
RN 857265-25-9 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[(2-methoxyethyl)amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)

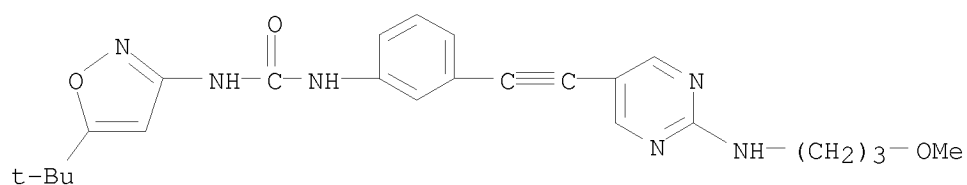


RN 857265-26-0 CAPLUS

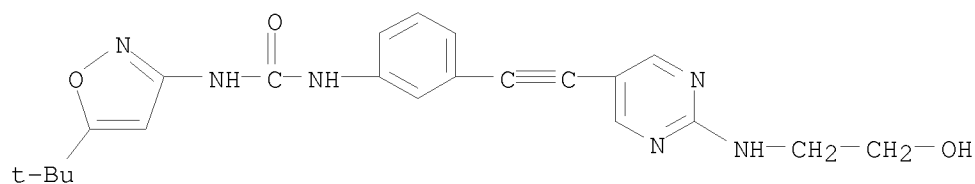
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 CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[(3-(1H-imidazol-1-yl)propyl)amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



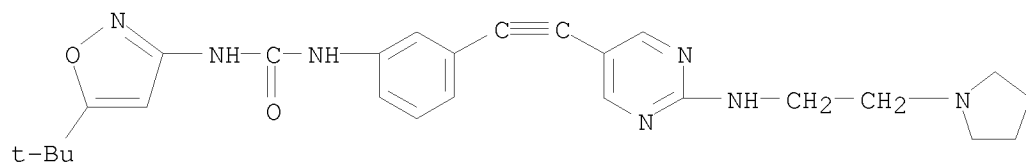
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RN 857265-28-2 CAPLUS  
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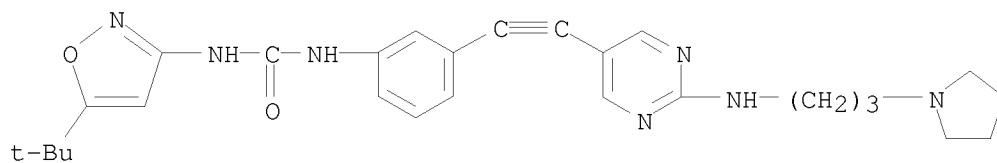


RN 857265-29-3 CAPLUS  
 CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[2-(1-pyrrolidinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)

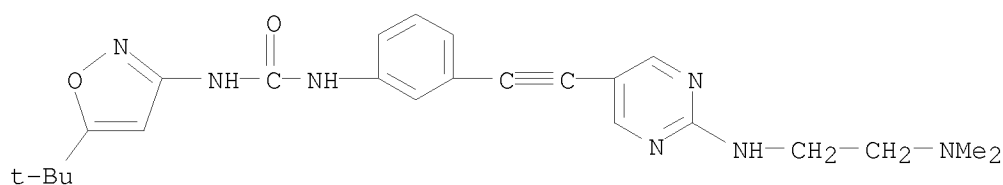


RN 857265-30-6 CAPLUS  
 CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[3-(1-pyrrolidinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)

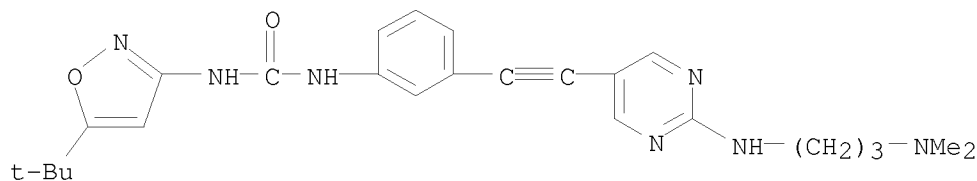




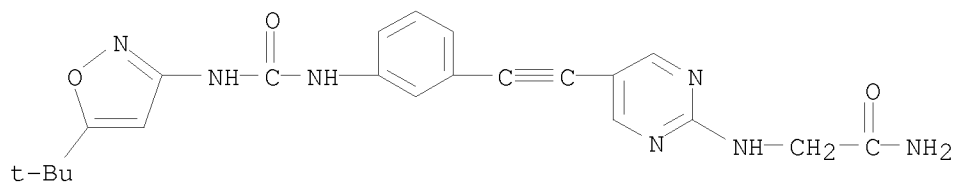
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 CN Urea, N-[3-[2-[2-[2-(dimethylamino)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)



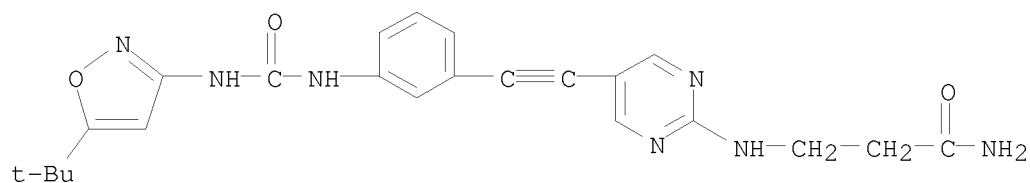
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RN 857265-35-1 CAPLUS  
 CN Acetamide, 2-[[5-[2-[3-[[[5-(1,1-dimethylethyl)-3-isoxazolyl]amino]carbonyl]amino]phenyl]ethynyl]-2-pyrimidinyl]amino]- (CA INDEX NAME)

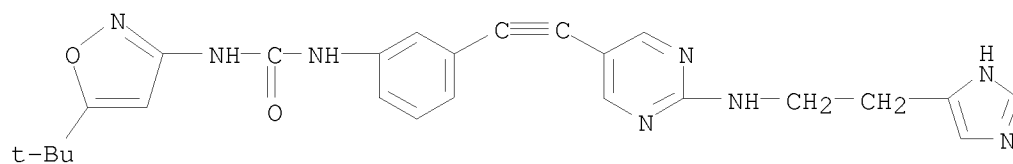


RN 857265-36-2 CAPLUS  
 CN Propanamide, 3-[[5-[2-[3-[[[5-(1,1-dimethylethyl)-3-isoxazolyl]amino]carbonyl]amino]phenyl]ethynyl]-2-pyrimidinyl]amino]- (CA INDEX NAME)



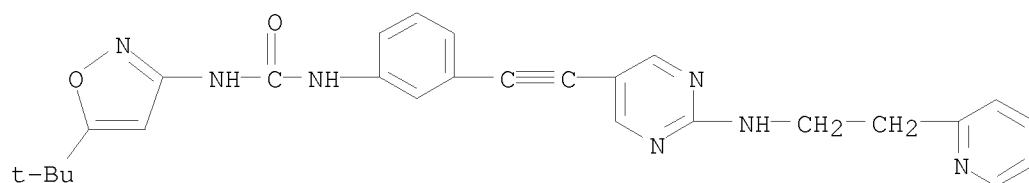
RN 857265-37-3 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[2-(1H-imidazol-5-yl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



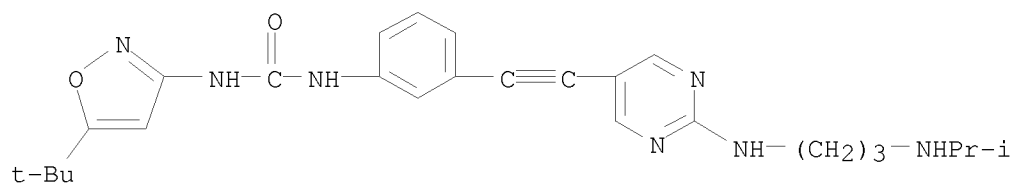
RN 857265-38-4 CAPLUS

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RN 857265-39-5 CAPLUS

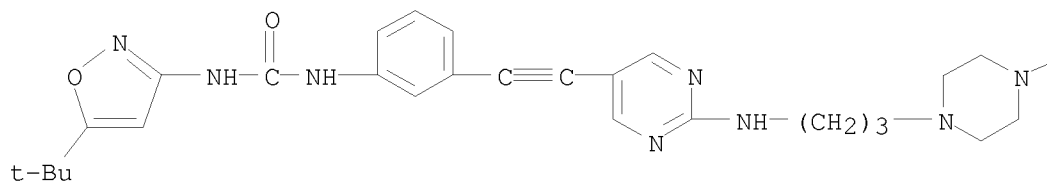
CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[3-[(1-methylethyl)amino]propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



RN 857265-40-8 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[3-(4-methyl-1-piperazinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)

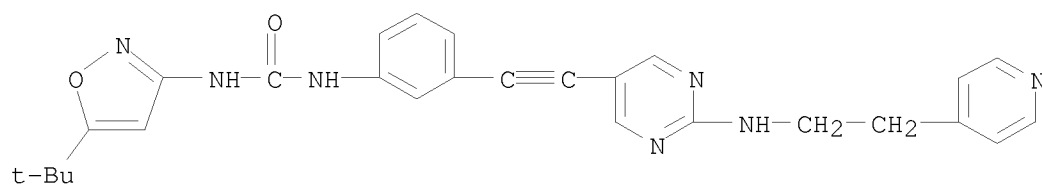
PAGE 1-A



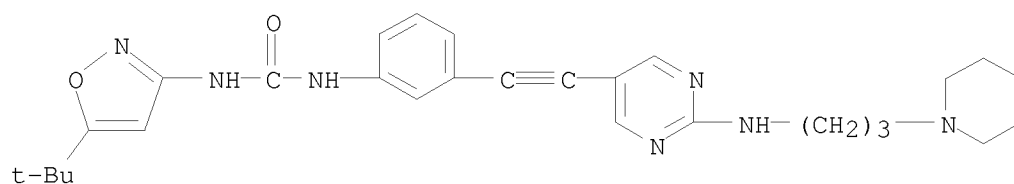
PAGE 1-B

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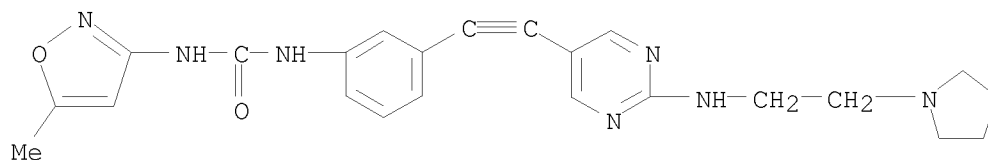
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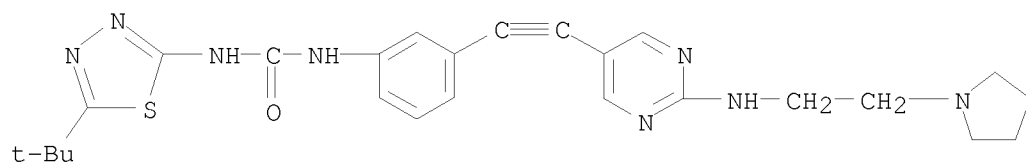
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CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[3-(1-piperidinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



RN 857265-43-1 CAPLUS  
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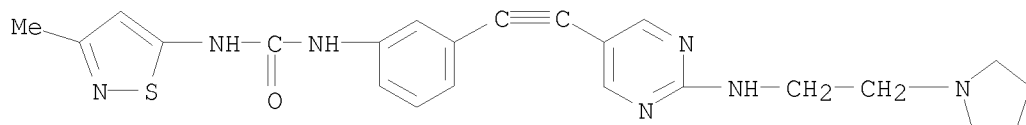


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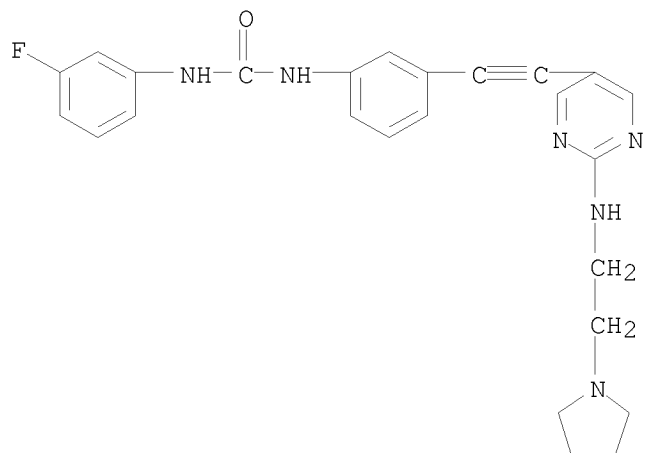
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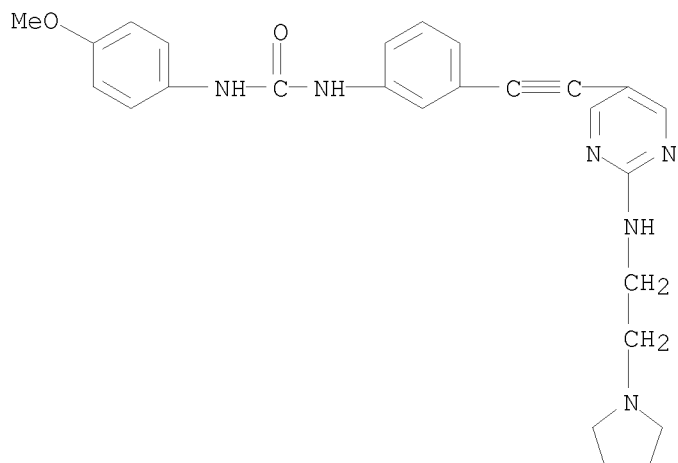
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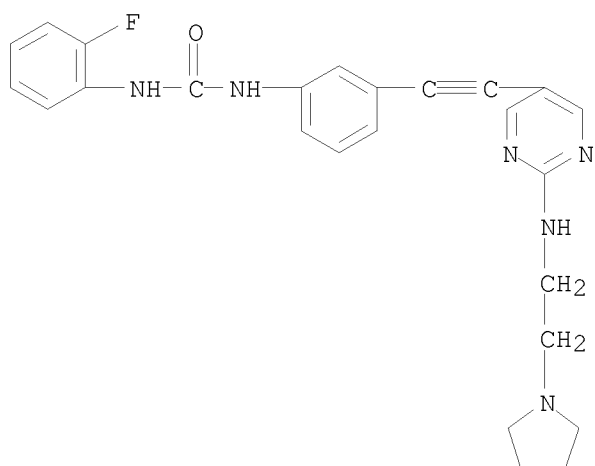
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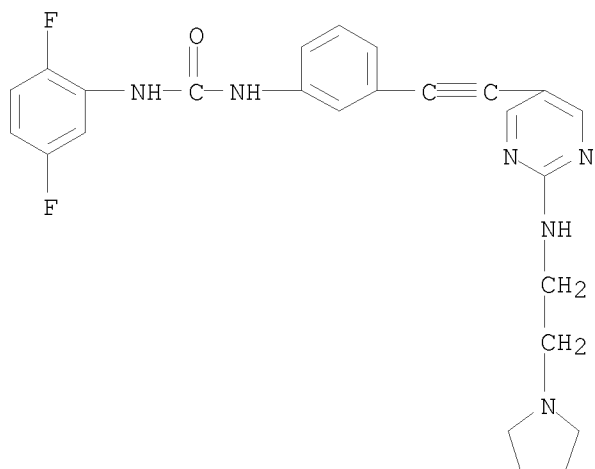
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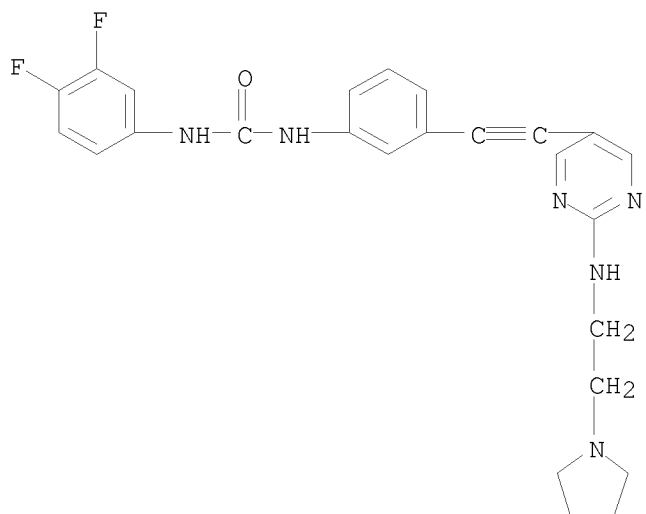
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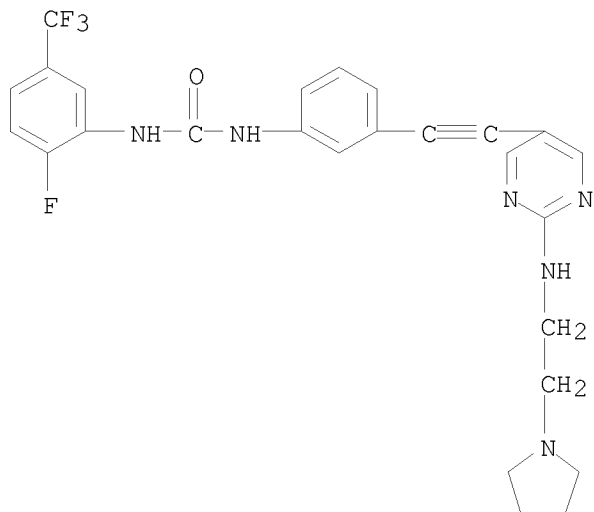
RN 857265-53-3 CAPLUS

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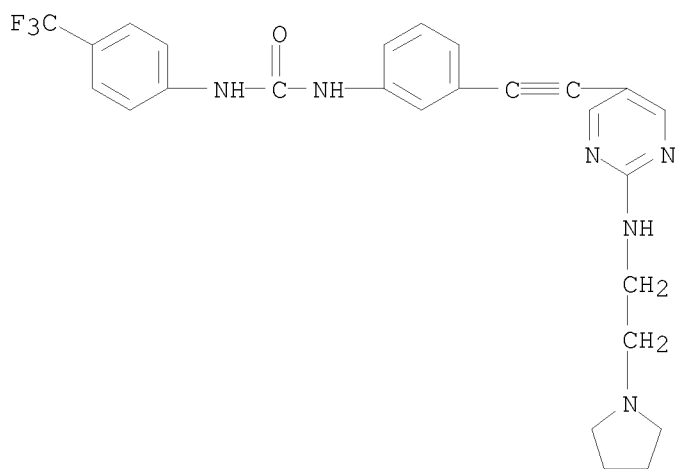
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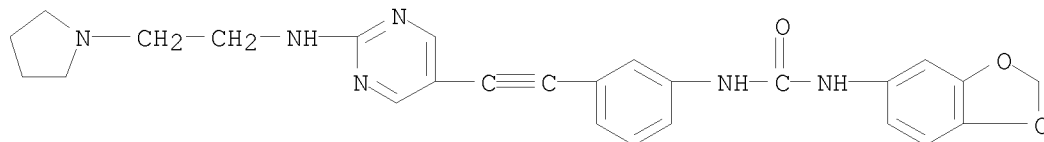
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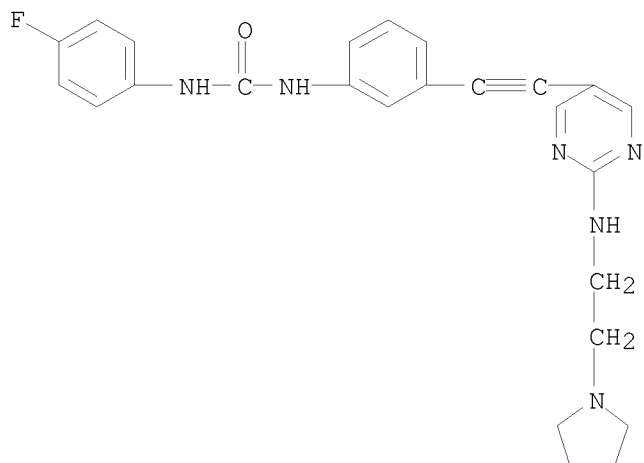
RN 857265-56-6 CAPLUS

CN Urea, N-1,3-benzodioxol-5-yl-N'-[3-[2-[2-[[2-(1-pyrrolidinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



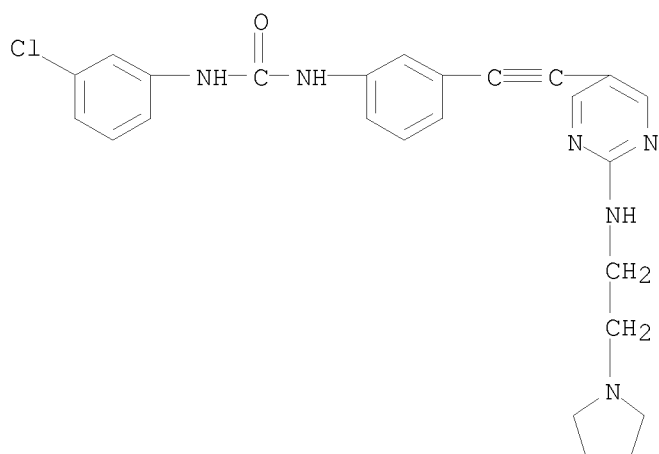
RN 857265-57-7 CAPLUS

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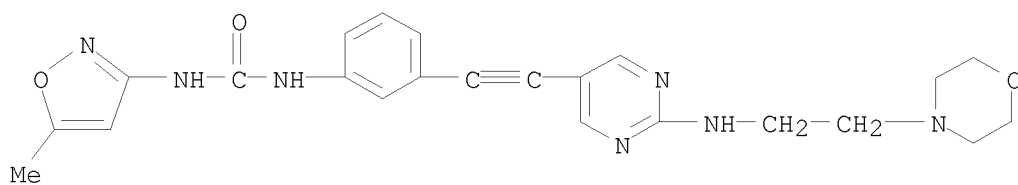
RN 857265-58-8 CAPLUS

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RN 857265-59-9 CAPLUS

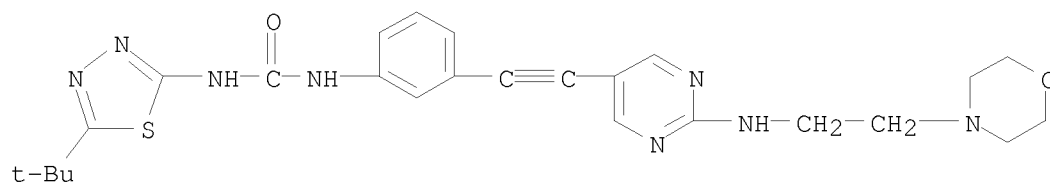
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RN 857265-60-2 CAPLUS

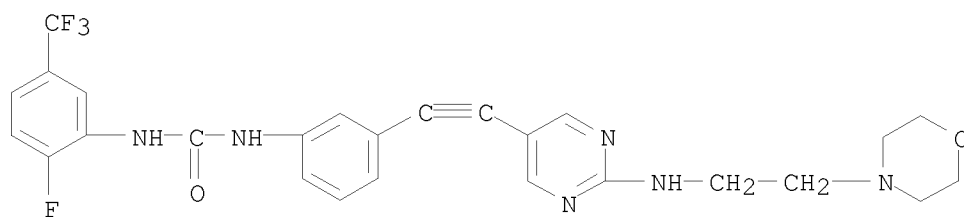
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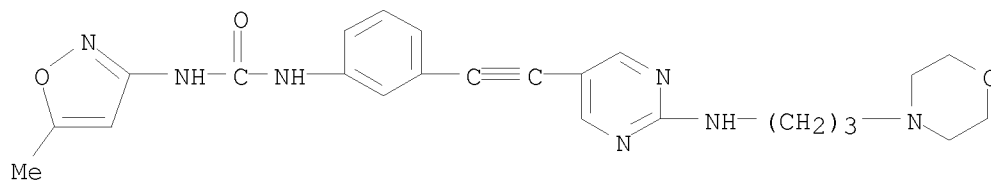
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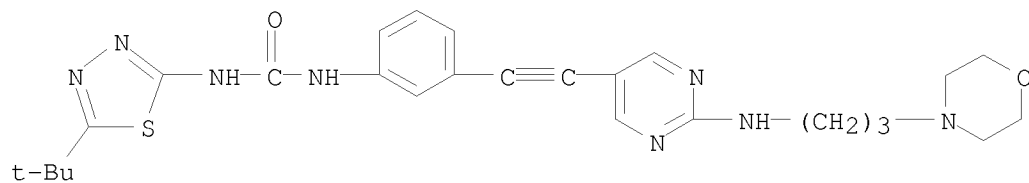
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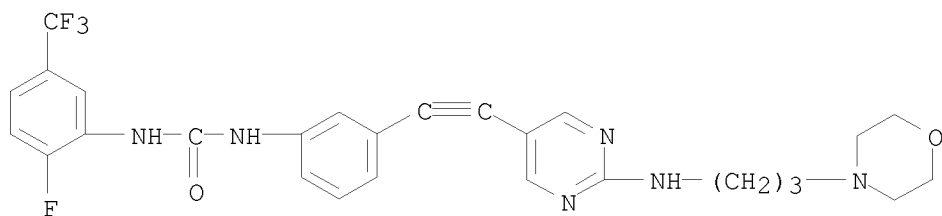
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CN Urea, N-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]-N'-[3-[2-[2-[[3-(4-morpholinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



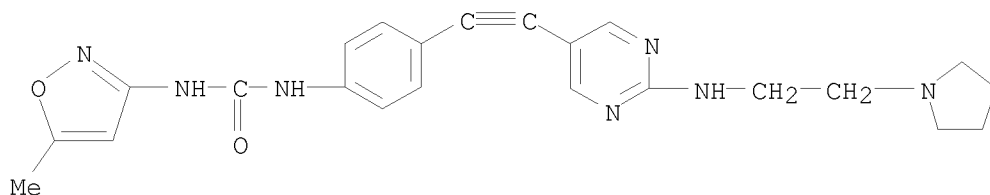
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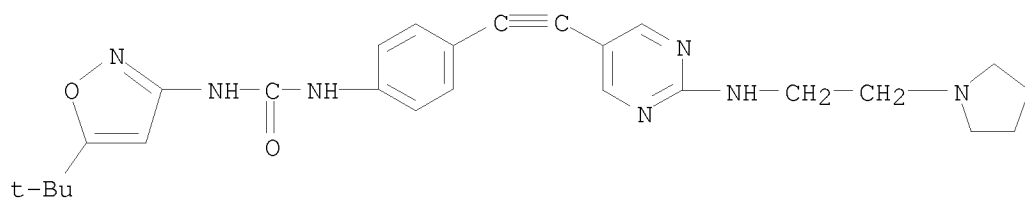
RN 857265-65-7 CAPLUS

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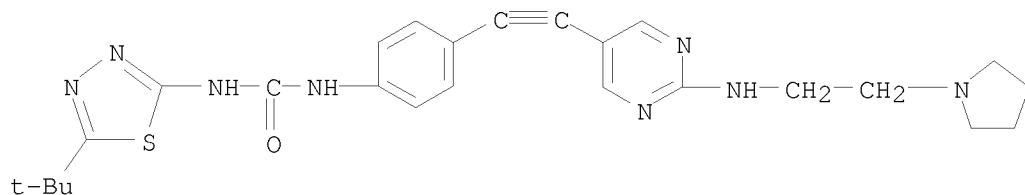
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CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[4-[2-[2-[[2-(1-pyrrolidinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



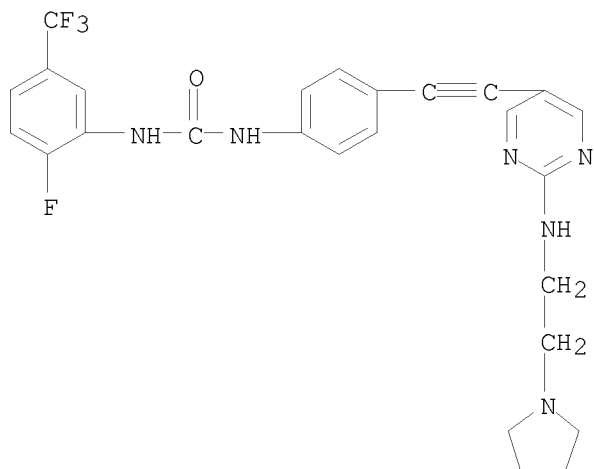
RN 857265-69-1 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]-N'-[4-[2-[2-[[2-(1-pyrrolidinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



RN 857265-70-4 CAPLUS

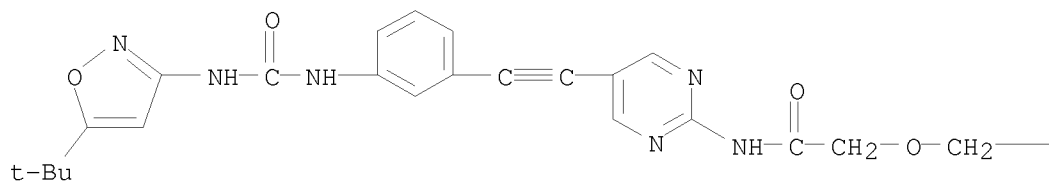
CN Urea, N-[2-fluoro-5-(trifluoromethyl)phenyl]-N'-[4-[2-[2-[[2-(1-pyrrolidinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



RN 857265-71-5 CAPLUS

CN Acetamide, N-[5-[2-[3-[[[5-(1,1-dimethylethyl)-3-isoxazolyl]amino]carbonyl]amino]phenyl]ethynyl]-2-pyrimidinyl]-2-(2-methoxyethoxy)- (CA INDEX NAME)

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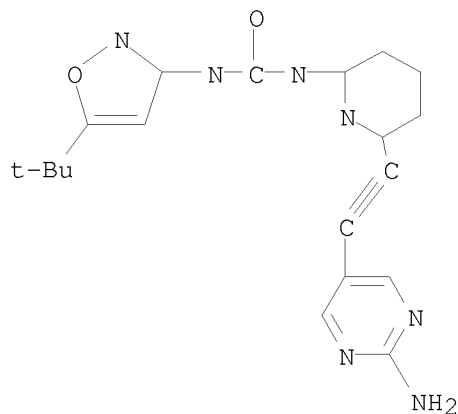


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RN 857265-72-6 CAPLUS

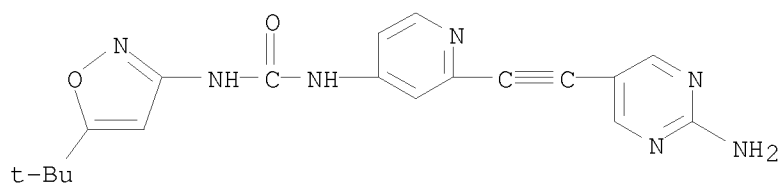
CN Urea, N-[6-[2-(2-amino-5-pyrimidinyl)ethynyl]-2-pyridinyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)



ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

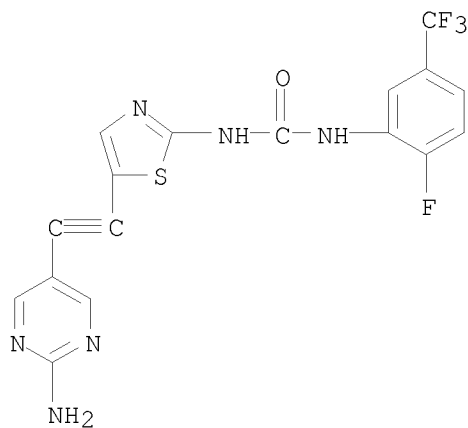
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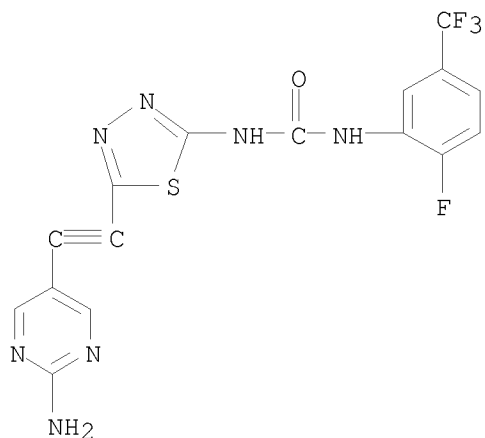
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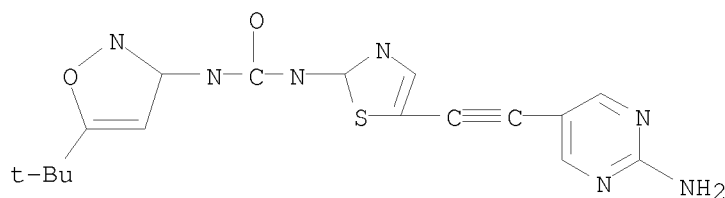
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CN Urea, N-[5-[2-(2-amino-5-pyrimidinyl)ethynyl]-1,3,4-thiadiazol-2-yl]-N'-[2-fluoro-5-(trifluoromethyl)phenyl]- (CA INDEX NAME)



RN 857265-82-8 CAPLUS

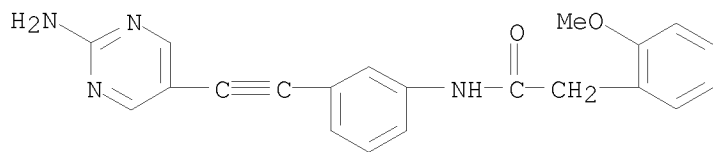
CN Urea, N-[5-[2-(2-amino-5-pyrimidinyl)ethynyl]-2-thiazolyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)



ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

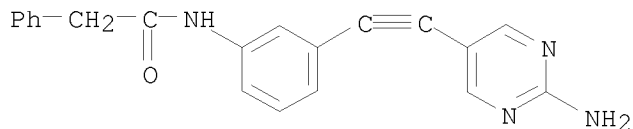
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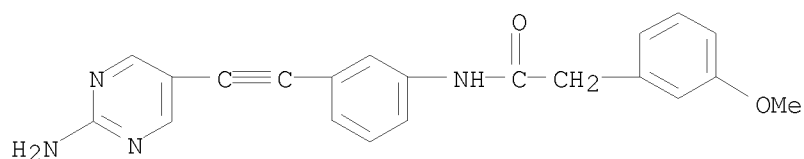
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CN Benzeneacetamide, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]- (CA INDEX NAME)



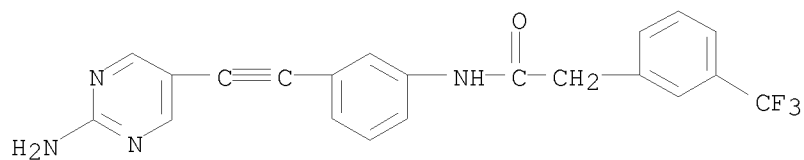
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CN Benzeneacetamide, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-3-methoxy-(CA INDEX NAME)



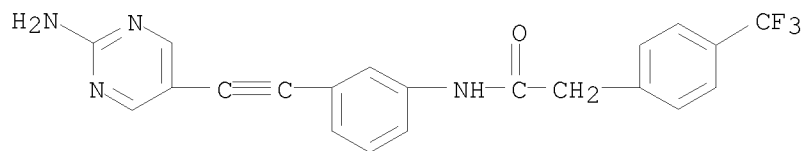
RN 857265-87-3 CAPLUS

CN Benzeneacetamide, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-3-(trifluoromethyl)- (CA INDEX NAME)



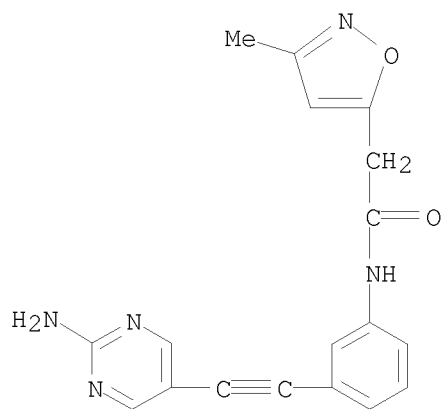
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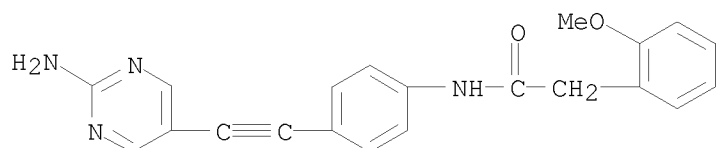
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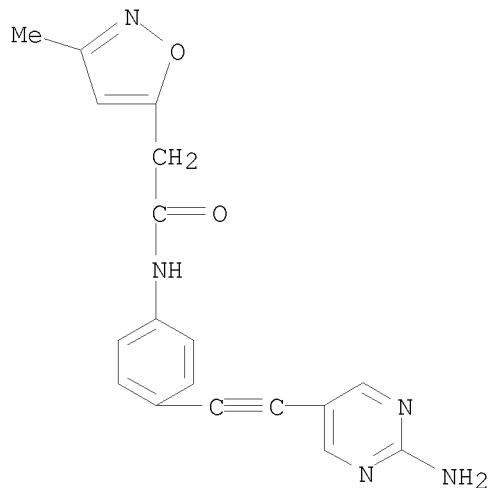
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CN Benzeneacetamide, N-[4-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-2-methoxy- (CA INDEX NAME)



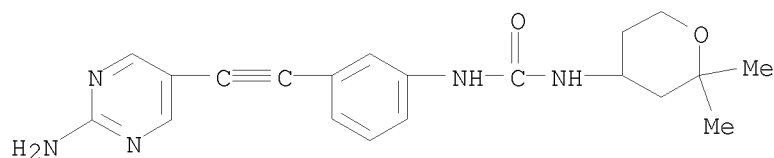
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CN 5-Isoxazoleacetamide, N-[4-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-3-methyl- (CA INDEX NAME)



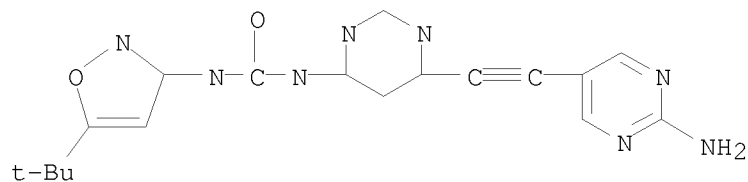
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RN 857265-94-2 CAPLUS

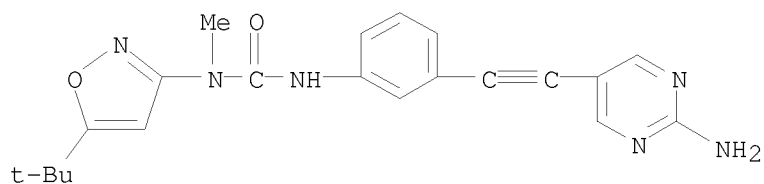
CN Urea, N-[6-[2-(2-amino-5-pyrimidinyl)ethynyl]-4-pyrimidinyl]-N'-(5-(1,1-dimethylethyl)-3-isoxazolyl)- (CA INDEX NAME)



ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

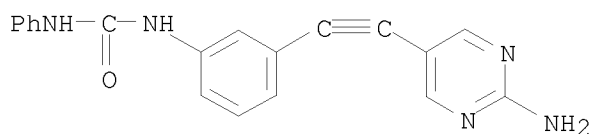
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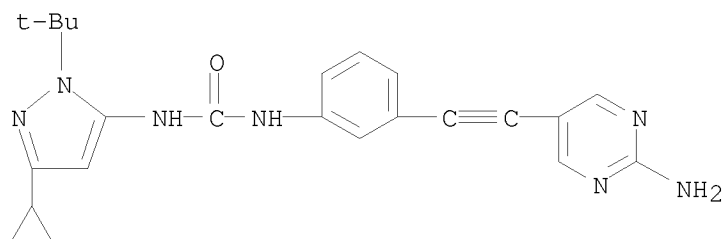
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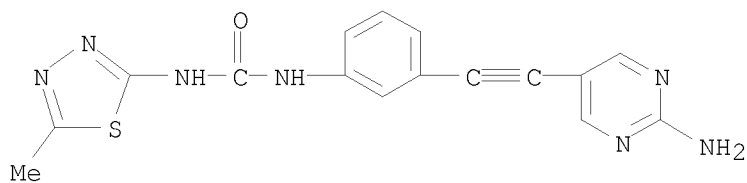
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CN Urea, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-N'-[3-cyclopropyl-1-(1,1-dimethylethyl)-1H-pyrazol-5-yl]- (CA INDEX NAME)



RN 857265-99-7 CAPLUS

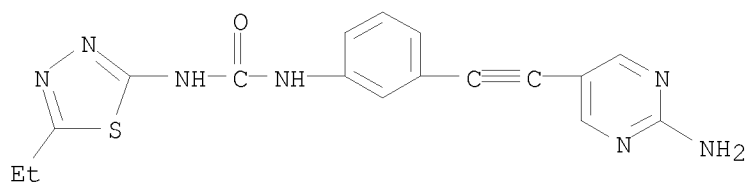
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RN 857266-00-3 CAPLUS

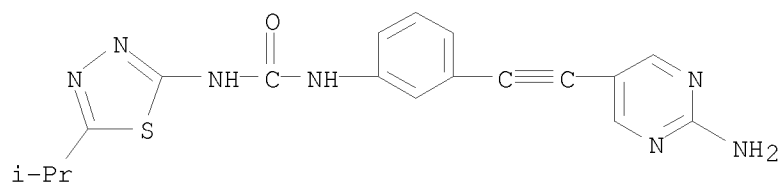
CN Urea, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-N'-(5-ethyl-1,3,4-thiadiazol-2-yl)- (CA INDEX NAME)





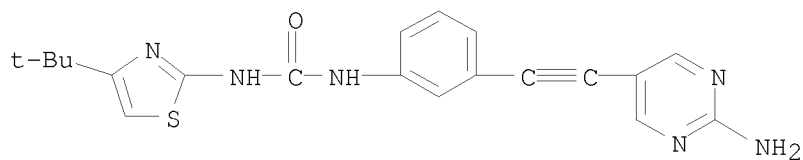
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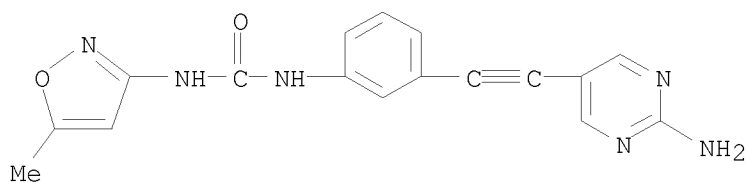
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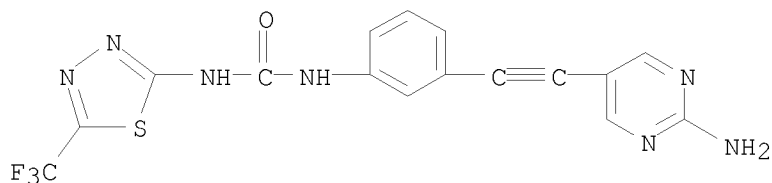
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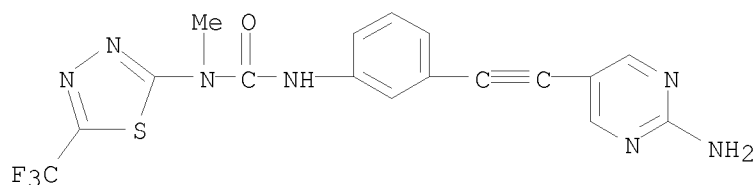
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CN Urea, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-N'-[5-(trifluoromethyl)-1,3,4-thiadiazol-2-yl]- (CA INDEX NAME)



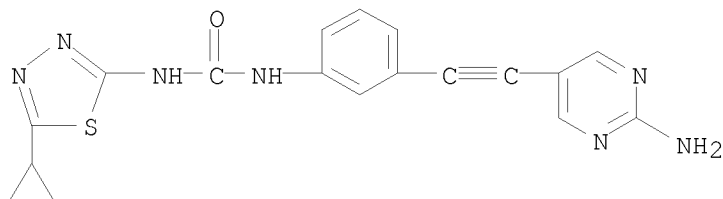
RN 857266-05-8 CAPLUS

CN Urea, N'-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-N-methyl-N-[5-(trifluoromethyl)-1,3,4-thiadiazol-2-yl]- (CA INDEX NAME)



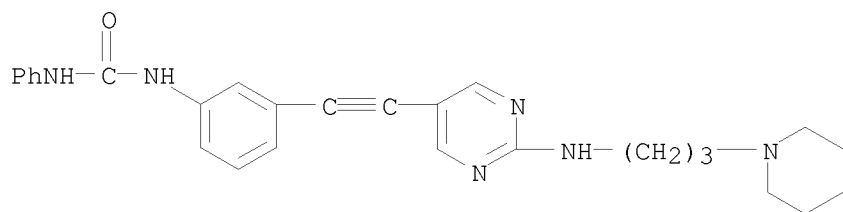
RN 857266-06-9 CAPLUS

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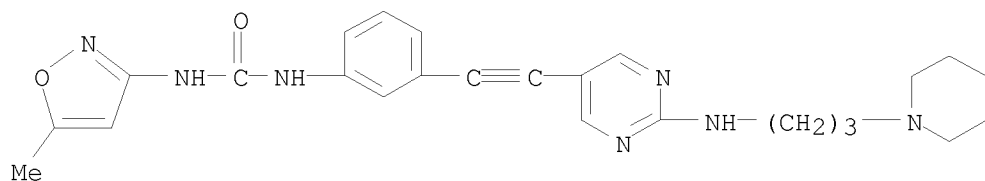
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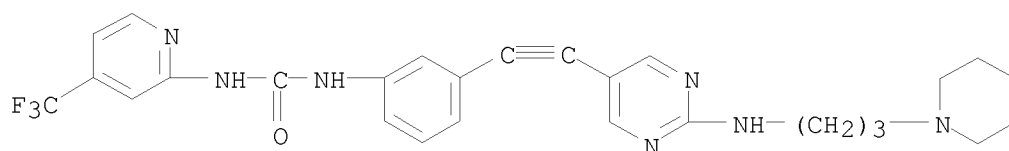
RN 857266-09-2 CAPLUS

CN Urea, N-(5-methyl-3-isoxazolyl)-N'-[3-[2-[2-[3-(1-piperidiny)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



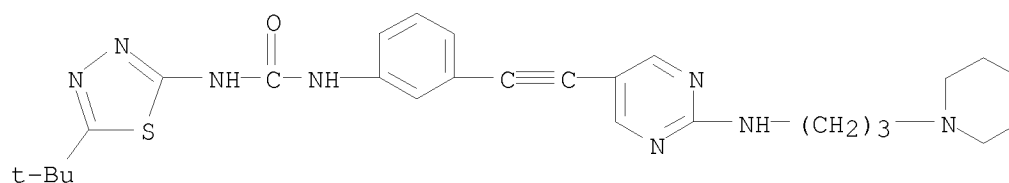
RN 857266-10-5 CAPLUS

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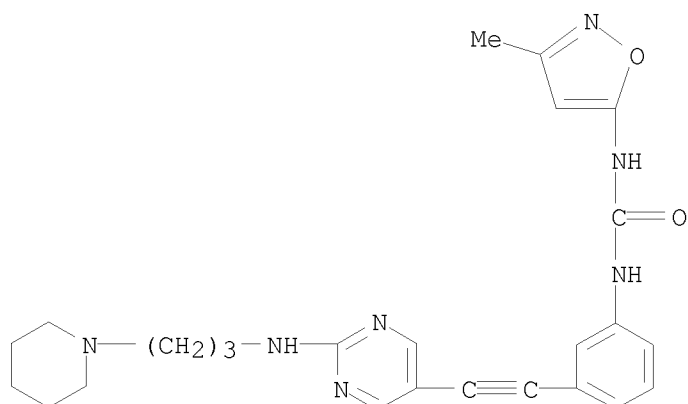
RN 857266-11-6 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]-N'-[3-[2-[2-[[3-(1-piperidinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



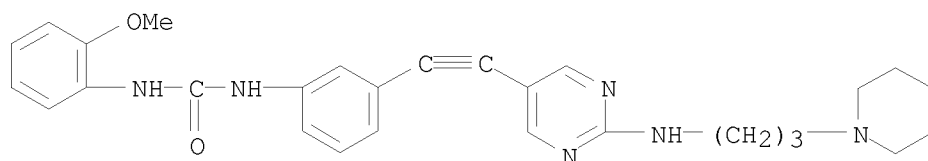
RN 857266-12-7 CAPLUS

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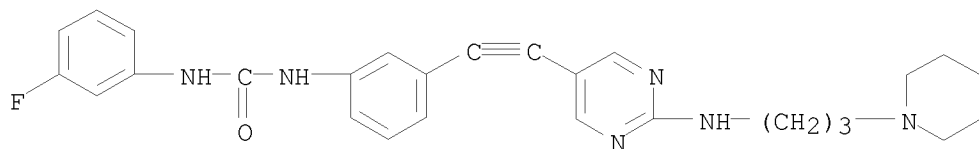
RN 857266-13-8 CAPLUS

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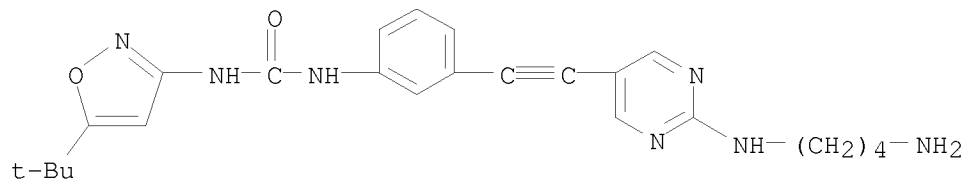
RN 857266-14-9 CAPLUS

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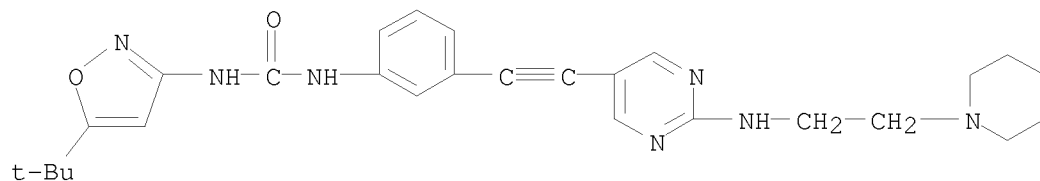
RN 857266-15-0 CAPLUS

CN Urea, N-[3-[2-[2-[(4-aminobutyl)amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)



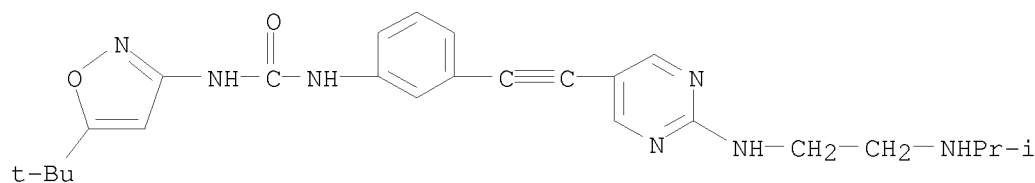
RN 857266-16-1 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[2-(1-piperidinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



RN 857266-17-2 CAPLUS

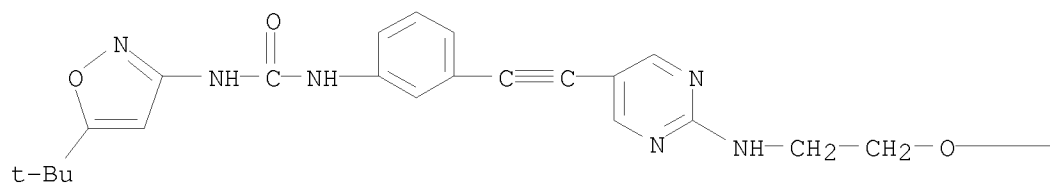
CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[2-(1-methylethyl)amino]ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)

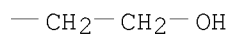


RN 857266-18-3 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[2-(2-hydroxyethoxy)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)

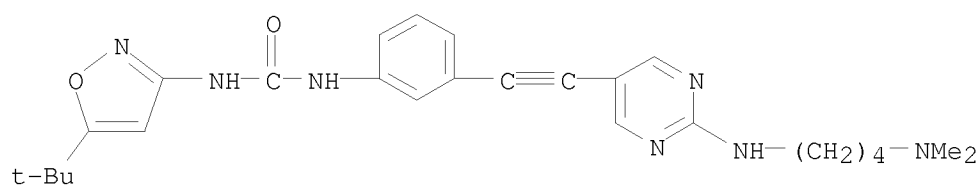
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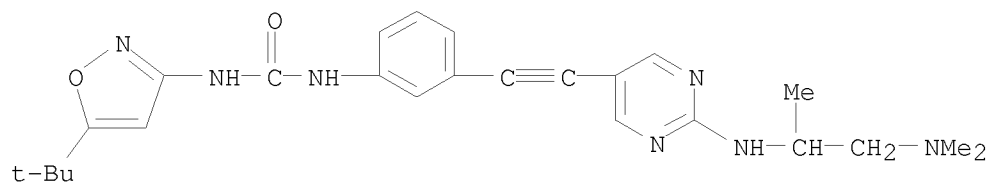
RN 857266-19-4 CAPLUS

CN Urea, N-[3-[2-[2-[[4-(dimethylamino)butyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)



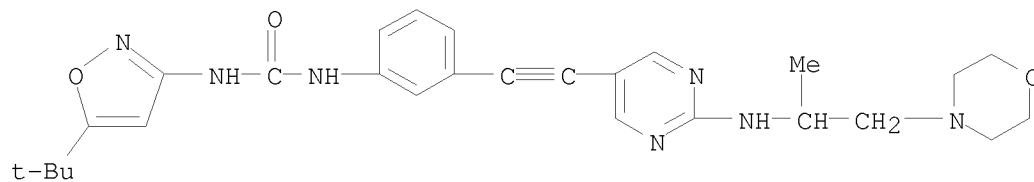
RN 857266-20-7 CAPLUS

CN Urea, N-[3-[2-[2-[[2-(dimethylamino)-1-methylethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)



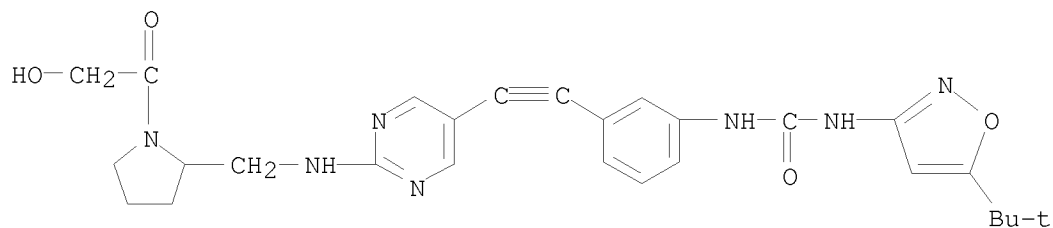
RN 857266-21-8 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[1-methyl-2-(4-morpholinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



RN 857266-22-9 CAPLUS

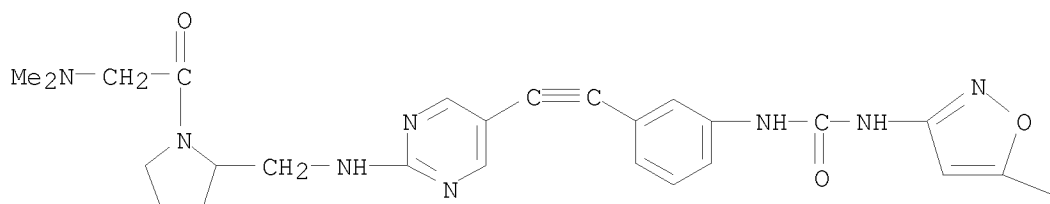
CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[[1-(2-hydroxyacetyl)-2-pyrrolidinyl]methyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



RN 857266-25-2 CAPLUS

CN Urea, N-[3-[2-[2-[[1-[2-(dimethylamino)acetyl]-2-pyrrolidinyl]methyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)

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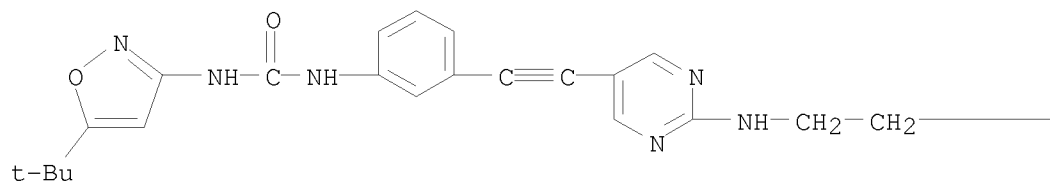
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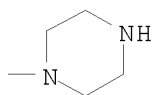
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RN 857266-26-3 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[2-(1-piperazinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)

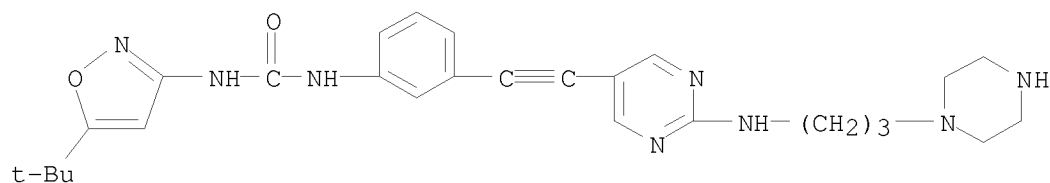
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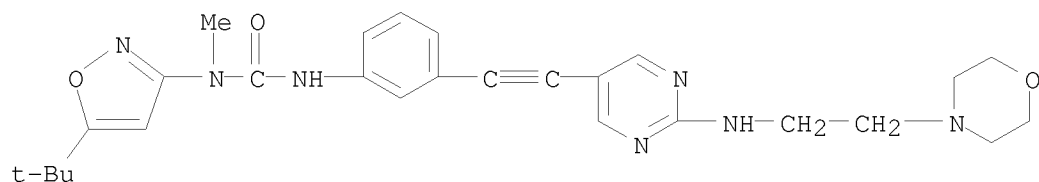
RN 857266-27-4 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[3-(1-piperazinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



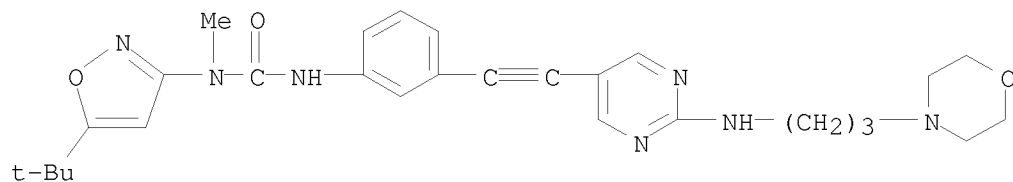
RN 857266-29-6 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N-methyl-N'-[3-[2-[2-[[2-(4-morpholinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



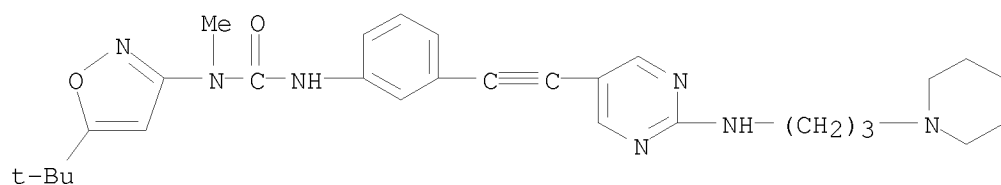
RN 857266-32-1 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N-methyl-N'-[3-[2-[2-[[3-(4-morpholinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



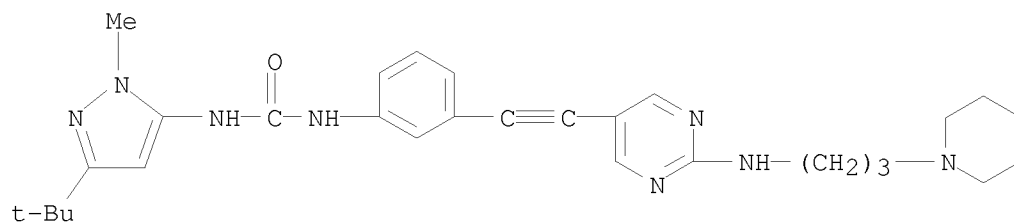
RN 857266-33-2 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N-methyl-N'-[3-[2-[2-[[3-(1-piperidinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



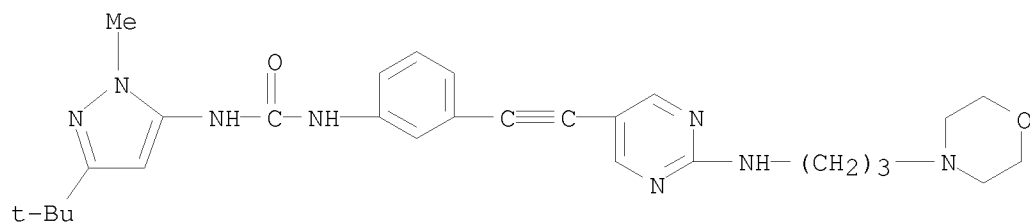
RN 857266-34-3 CAPLUS

CN Urea, N-[3-(1,1-dimethylethyl)-1-methyl-1H-pyrazol-5-yl]-N'-[3-[2-[2-[[3-(1-piperidiny)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



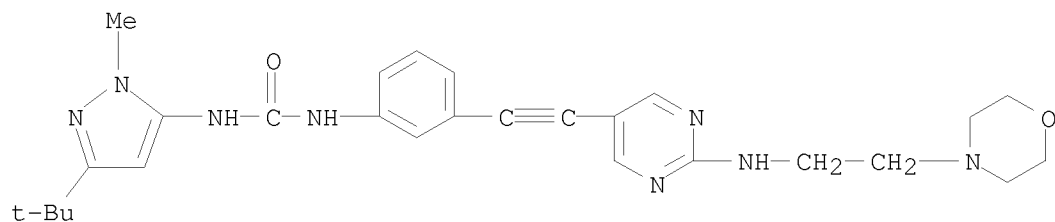
RN 857266-36-5 CAPLUS

CN Urea, N-[3-(1,1-dimethylethyl)-1-methyl-1H-pyrazol-5-yl]-N'-[3-[2-[2-[[3-(4-morpholinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



RN 857266-37-6 CAPLUS

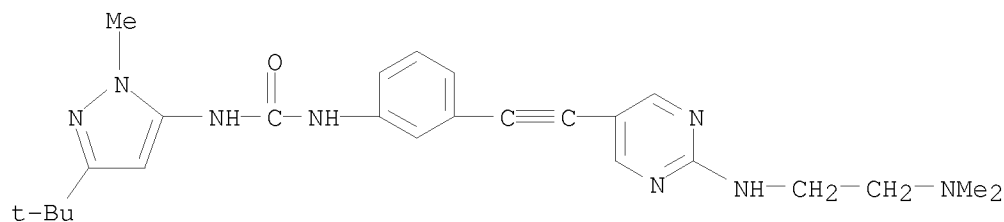
CN Urea, N-[3-(1,1-dimethylethyl)-1-methyl-1H-pyrazol-5-yl]-N'-[3-[2-[2-[[2-(4-morpholinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



RN 857266-38-7 CAPLUS

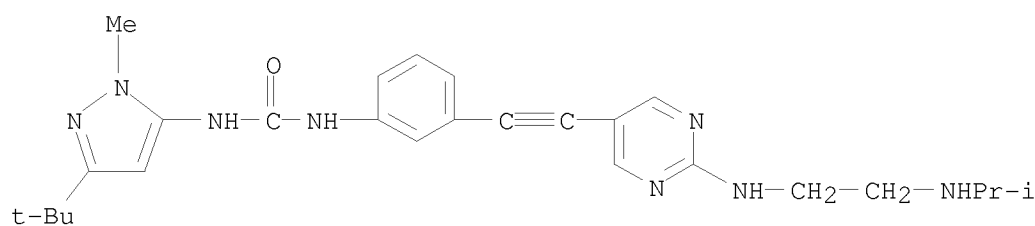
CN Urea, N-[3-[2-[2-[[2-(dimethylamino)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[3-(1,1-dimethylethyl)-1-methyl-1H-pyrazol-5-yl]- (CA INDEX NAME)





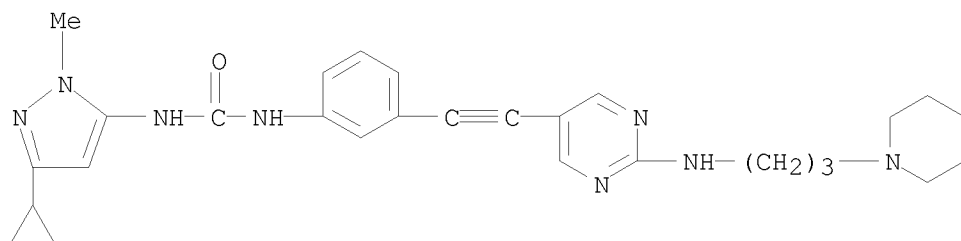
RN 857266-39-8 CAPLUS

CN Urea, N-[3-(1,1-dimethylethyl)-1-methyl-1H-pyrazol-5-yl]-N'-[3-[2-[2-[[2-[(1-methylethyl)amino]ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



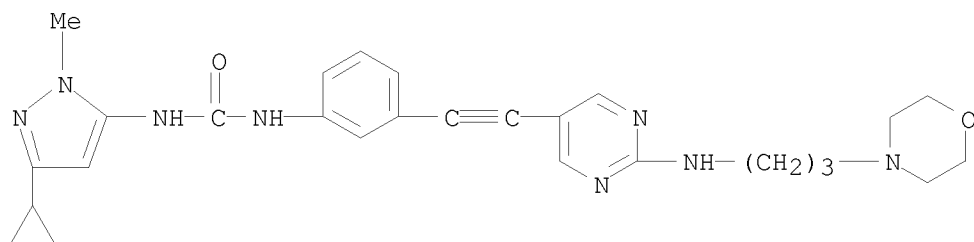
RN 857266-40-1 CAPLUS

CN Urea, N-(3-cyclopropyl-1-methyl-1H-pyrazol-5-yl)-N'-[3-[2-[2-[[3-(1-piperidinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



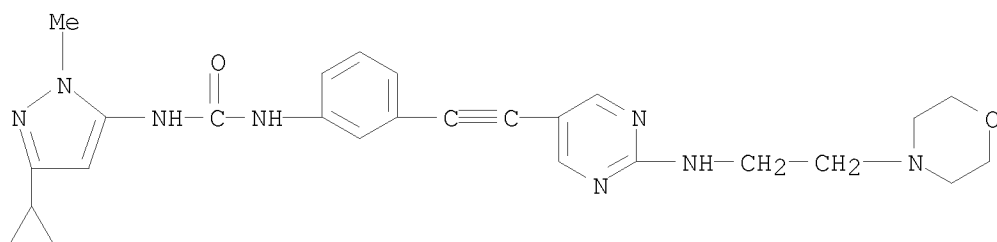
RN 857266-42-3 CAPLUS

CN Urea, N-(3-cyclopropyl-1-methyl-1H-pyrazol-5-yl)-N'-[3-[2-[2-[[3-(4-morpholinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



RN 857266-43-4 CAPLUS

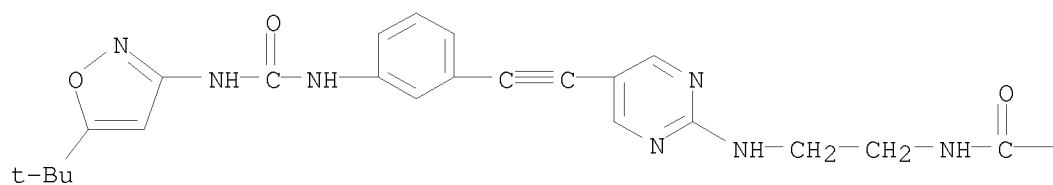
CN Urea, N-(3-cyclopropyl-1-methyl-1H-pyrazol-5-yl)-N'-[3-[2-[2-[[2-(4-morpholinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



RN 857266-44-5 CAPLUS

CN Acetamide, N-[2-[[5-[2-[3-[[[5-(1,1-dimethylethyl)-3-isoxazolyl]amino]carbonyl]amino]phenyl]ethynyl]-2-pyrimidinyl]amino]ethyl]-2-hydroxy- (CA INDEX NAME)

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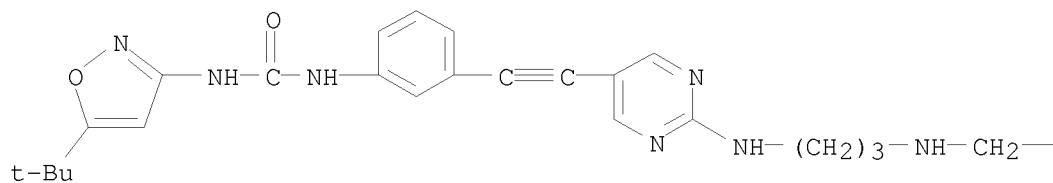
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—CH<sub>2</sub>—OH

RN 857266-45-6 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[3-[(2-hydroxyethyl)amino]propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)

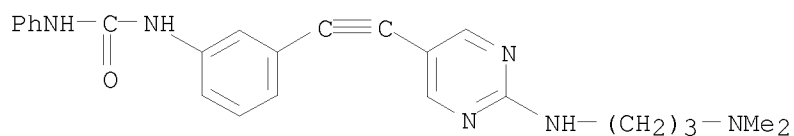
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—CH<sub>2</sub>—OH

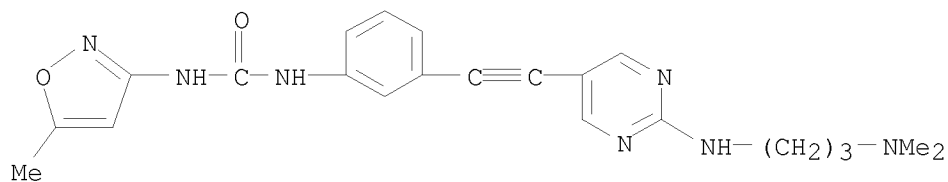
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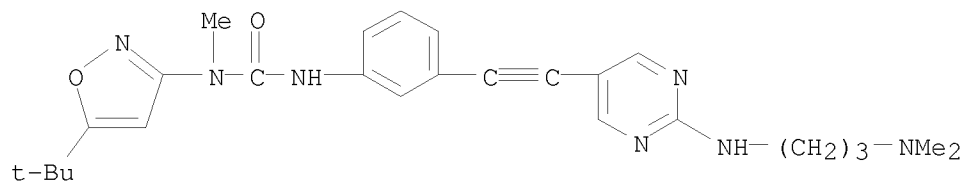
RN 857266-49-0 CAPLUS

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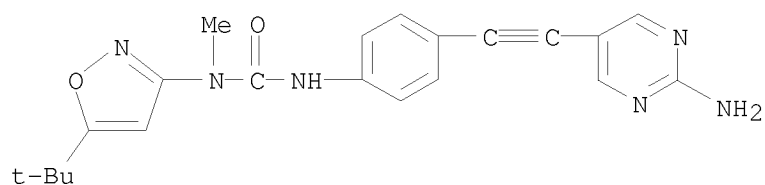
RN 857266-50-3 CAPLUS

CN Urea, N'-[3-[2-[2-[[3-(dimethylamino)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N-methyl- (CA INDEX NAME)



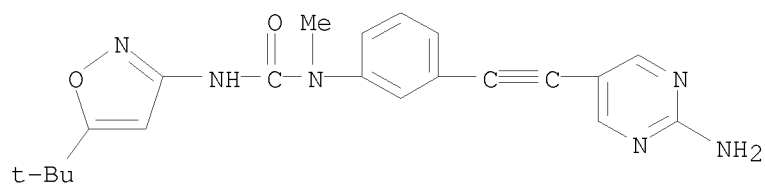
RN 857266-51-4 CAPLUS

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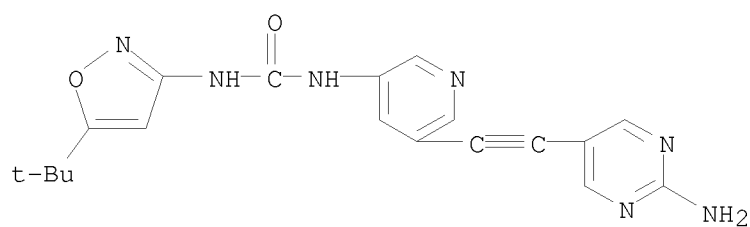
RN 857266-53-6 CAPLUS

CN Urea, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N-methyl- (CA INDEX NAME)



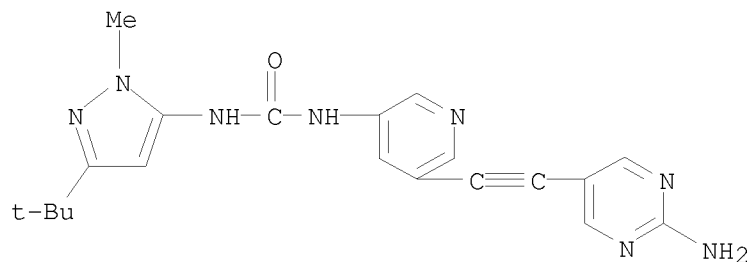
RN 857266-57-0 CAPLUS

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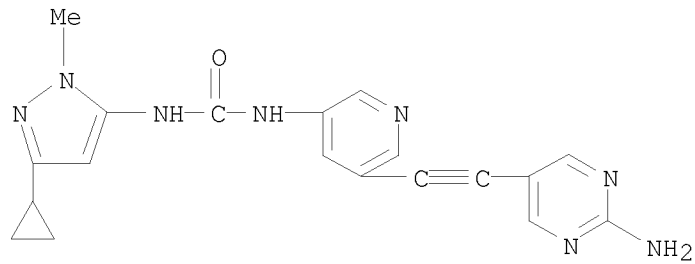
RN 857266-61-6 CAPLUS

CN Urea, N-[5-[2-(2-amino-5-pyrimidinyl)ethynyl]-3-pyridinyl]-N'-[3-(1,1-dimethylethyl)-1-methyl-1H-pyrazol-5-yl]- (CA INDEX NAME)



RN 857266-63-8 CAPLUS

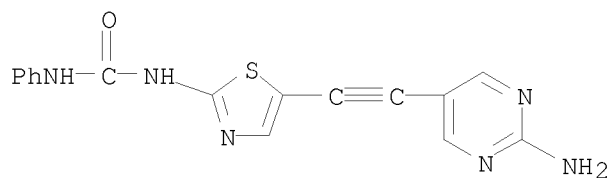
CN Urea, N-[5-[2-(2-amino-5-pyrimidinyl)ethynyl]-3-pyridinyl]-N'-(3-cyclopropyl-1-methyl-1H-pyrazol-5-yl)- (CA INDEX NAME)



RN 857266-64-9 CAPLUS

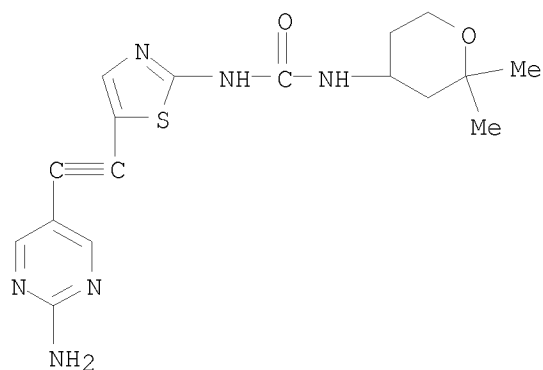
CN Urea, N-[5-[2-(2-amino-5-pyrimidinyl)ethynyl]-2-thiazolyl]-N'-phenyl- (CA INDEX NAME)

INDEX NAME)



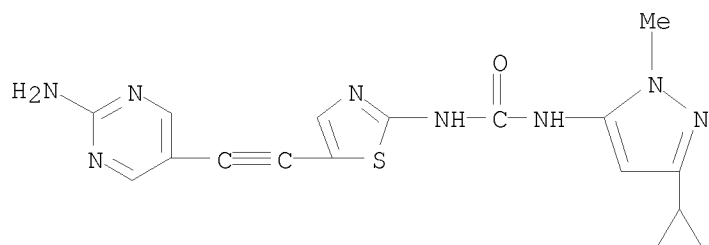
RN 857266-65-0 CAPLUS

CN Urea, N-[5-[2-(2-amino-5-pyrimidinyl)ethynyl]-2-thiazolyl]-N'-(tetrahydro-2,2-dimethyl-2H-pyran-4-yl)- (CA INDEX NAME)



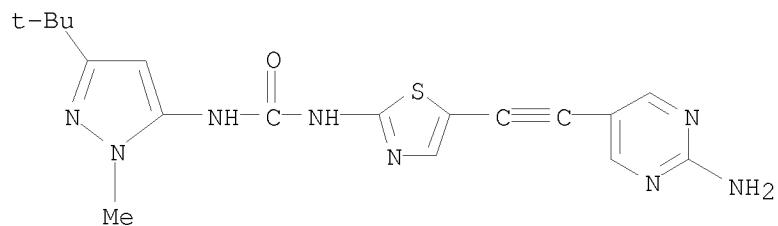
RN 857266-67-2 CAPLUS

CN Urea, N-[5-[2-(2-amino-5-pyrimidinyl)ethynyl]-2-thiazolyl]-N'-(3-cyclopropyl-1-methyl-1H-pyrazol-5-yl)- (CA INDEX NAME)

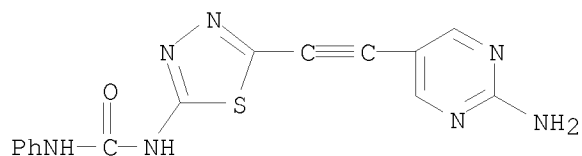


RN 857266-70-7 CAPLUS

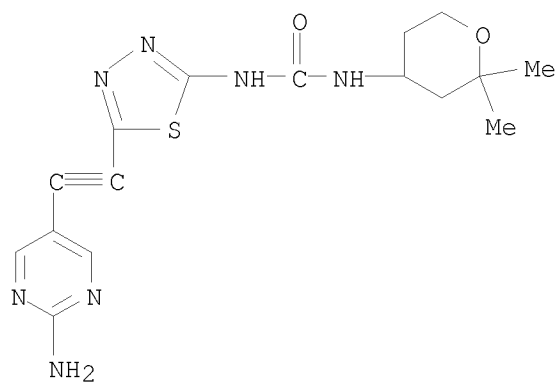
CN Urea, N-[5-[2-(2-amino-5-pyrimidinyl)ethynyl]-2-thiazolyl]-N'-(3-(1,1-dimethylethyl)-1-methyl-1H-pyrazol-5-yl)- (CA INDEX NAME)



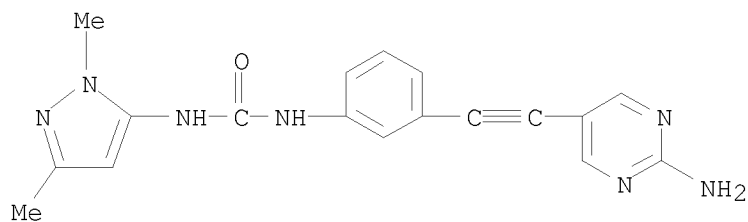
RN 857266-74-1 CAPLUS  
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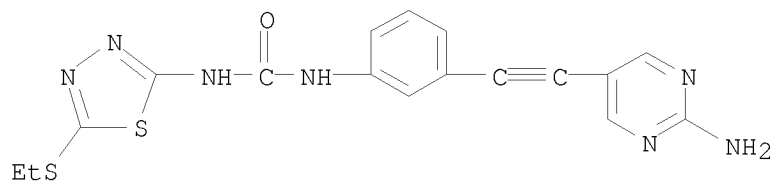
RN 857266-78-5 CAPLUS  
 CN Urea, N-[5-[2-(2-amino-5-pyrimidinyl)ethynyl]-1,3,4-thiadiazol-2-yl]-N'-(tetrahydro-2,2-dimethyl-2H-pyran-4-yl)- (CA INDEX NAME)



RN 857266-82-1 CAPLUS  
 CN Urea, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-N'-(1,3-dimethyl-1H-pyrazol-5-yl)- (CA INDEX NAME)

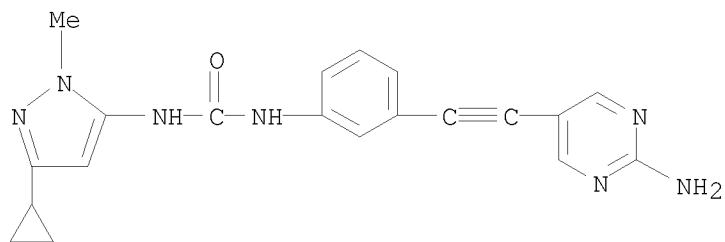


RN 857266-84-3 CAPLUS  
 CN Urea, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-N'-[5-(ethylthio)-1,3,4-thiadiazol-2-yl]- (CA INDEX NAME)



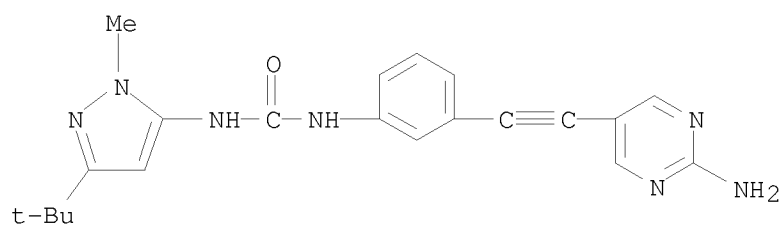
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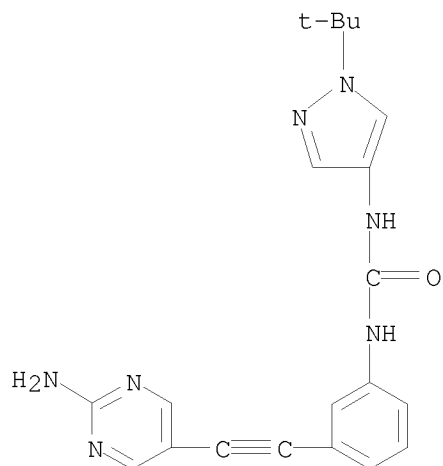
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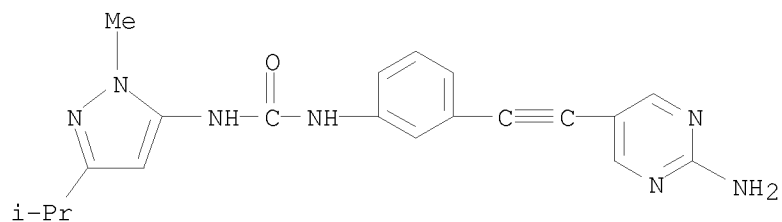
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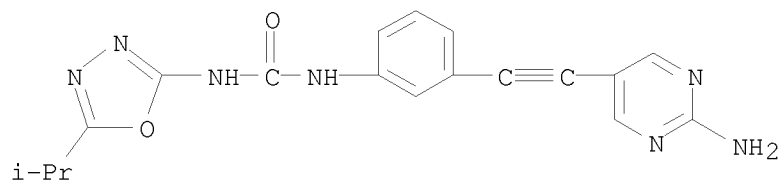
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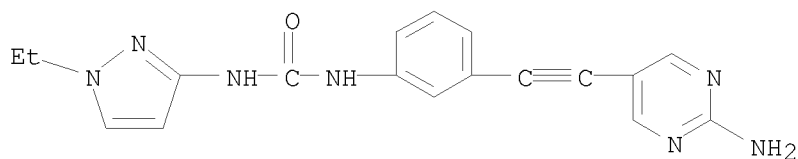
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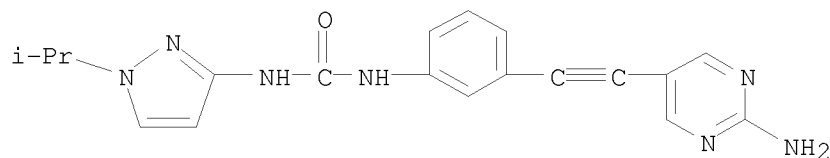
RN 857266-99-0 CAPLUS

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RN 857267-02-8 CAPLUS

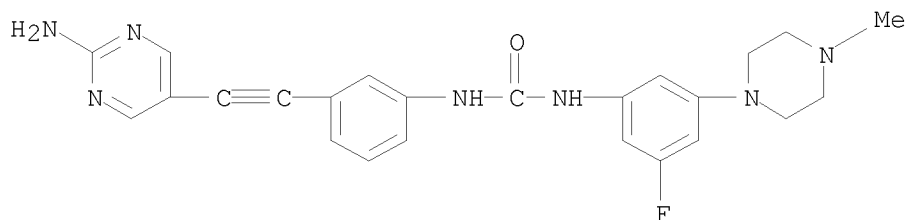
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RN 857267-06-2 CAPLUS

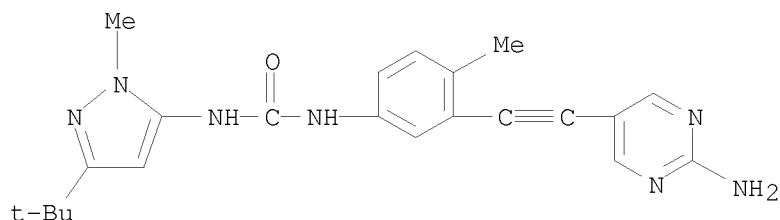
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RN 857267-09-5 CAPLUS

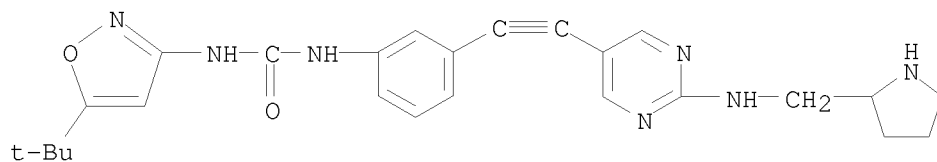
CN Urea, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]-4-methylphenyl]-N'-[3-(1,1-dimethylethyl)-1-methyl-1H-pyrazol-5-yl]- (CA INDEX NAME)



IT 857266-23-0P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-  
[[ (pyrrolidin-2-yl)methyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea  
857266-24-1P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[1-(tert-  
butoxycarbonyl)pyrrolidin-2-yl]methyl]amino]pyrimidin-5-  
yl]ethynyl]phenyl]urea 857266-52-5P, Phenyl  
[4-[(2-aminopyrimidin-5-yl)ethynyl]phenyl]carbamate  
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(preparation of pyrimidine derivs. as inhibitors of Tie2 receptor tyrosine  
kinases)

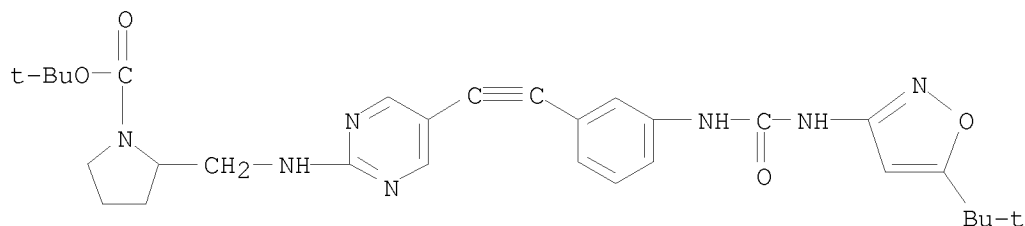
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CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[(2-pyrrolidinylmethyl)amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)

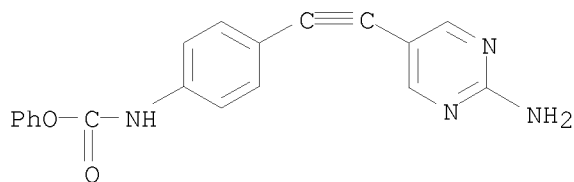


RN 857266-24-1 CAPLUS

CN 1-Pyrrolidinecarboxylic acid, 2-[[[5-[2-[3-[[[5-(1,1-dimethylethyl)-3-isoxazolyl]amino]carbonyl]amino]phenyl]ethynyl]-2-pyrimidinyl]amino]methyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)



RN 857266-52-5 CAPLUS  
 CN Carbamic acid, [4-[(2-amino-5-pyrimidinyl)ethynyl]phenyl]-, phenyl ester  
 (9CI) (CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS  
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

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206.02

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-2.46

-2.46

FILE 'REGISTRY' ENTERED AT 10:27:44 ON 17 MAR 2009

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STRUCTURE FILE UPDATES: 15 MAR 2009 HIGHEST RN 1121544-94-2

DICTIONARY FILE UPDATES: 15 MAR 2009 HIGHEST RN 1121544-94-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2009.

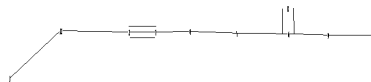
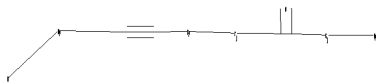
Please note that search-term pricing does apply when  
 conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and  
 predicted properties as well as tags indicating availability of  
 experimental property data in the original document. For information  
 on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

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Uploading C:\Program Files\STNEXP\Queries\10596745newsearch2.str



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chain bonds :  
1-12 2-3 2-12 3-4 4-5 5-6 6-8 6-9 9-11  
exact/norm bonds :  
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exact bonds :  
2-3

G1:C,O,N

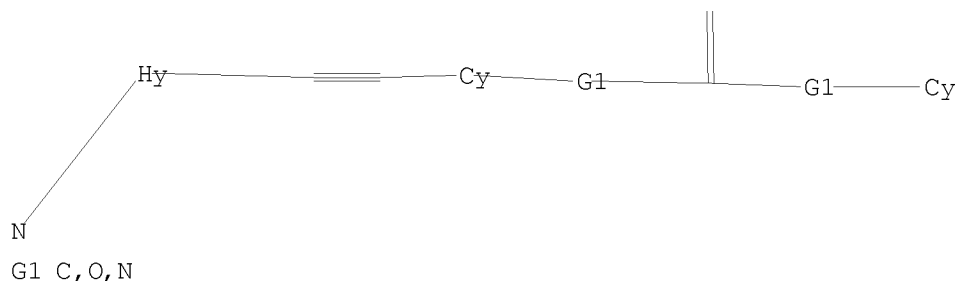
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Element Count :  
Node 12: Limited  
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N,N0

L5 STRUCTURE UPLOADED

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L5 HAS NO ANSWERS

L5 STR



Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SCREEN SEARCH COMPLETED - 23221 TO ITERATE

8.6% PROCESSED 2000 ITERATIONS 0 ANSWERS  
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 455297 TO 473543

PROJECTED ANSWERS: 0 TO 0

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L7 3631716 C4N2/RF

=> s 15 sub=17 sam

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SAMPLE SUBSET SCREEN SEARCH COMPLETED - 1699 TO ITERATE

100.0% PROCESSED 1699 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

PROJECTIONS (WITHIN SPECIFIED SUBSET): ONLINE \*\*COMPLETE\*\*  
PROJECTED ITERATIONS (WITHIN SPECIFIED SUBSET): 31508 TO 36452  
PROJECTED ANSWERS (WITHIN SPECIFIED SUBSET): 0 TO 0

L8 0 SEA SUB=L7 SSS SAM L5

=> s 15 sub=17 full

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FULL SUBSET SCREEN SEARCH COMPLETED - 35713 TO ITERATE

100.0% PROCESSED 35713 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.02

L9 0 SEA SUB=L7 SSS FUL L5

=> s 15 sss full

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100.0% PROCESSED 463761 ITERATIONS 0 ANSWERS

SEARCH TIME: 00.00.16

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exact/norm bonds :

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exact bonds :

2-3

G1:C,O,N

Match level :

1:CLASS 2:CLASS 3:CLASS 4:Atom 5:CLASS 6:CLASS 8:CLASS 9:CLASS 11:Atom  
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Element Count :

Node 12: Limited

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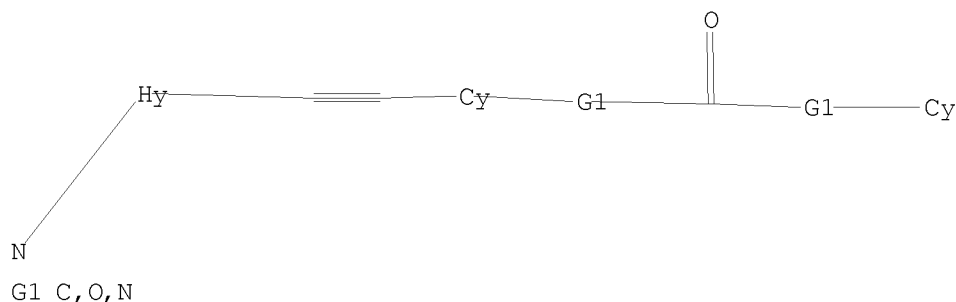
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L11            STRUCTURE UPLOADED

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L11 HAS NO ANSWERS

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Structure attributes must be viewed using STN Express query preparation.

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8.6% PROCESSED 2000 ITERATIONS

1 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

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PROJECTED ANSWERS: 28 TO 436

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FULL SEARCH INITIATED 10:31:37 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 463761 TO ITERATE

100.0% PROCESSED 463761 ITERATIONS

225 ANSWERS

SEARCH TIME: 00.00.13

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

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770.93

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

0.00

-2.46

FILE 'CAPLUS' ENTERED AT 10:31:58 ON 17 MAR 2009

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FILE COVERS 1907 - 17 Mar 2009 VOL 150 ISS 12  
FILE LAST UPDATED: 16 Mar 2009 (20090316/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2008.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

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L14 5 L13

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L14 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2006:792996 CAPLUS

DOCUMENT NUMBER: 145:211064

TITLE: Preparation of pyrimidine derivatives and their use as Tie2 receptor tyrosine kinase inhibitors  
INVENTOR(S): Jones, Clifford David; Luke, Richard William Arthur; Mccoull, William

PATENT ASSIGNEE(S): Astrazeneca AB, Swed.; Astrazeneca Uk Limited

SOURCE: PCT Int. Appl., 116pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

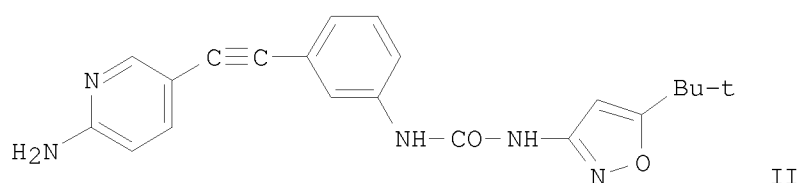
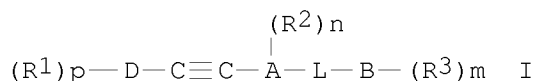
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

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RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
EP 1848715	A1	20071031	EP 2006-709603	20060202
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JP 2008535780	T	20080904	JP 2007-553692	20060202
IN 2007DN05606	A	20070817	IN 2007-DN5606	20070719
US 20080153838	A1	20080626	US 2007-815523	20070803
CN 101155807	A	20080402	CN 2006-80011279	20071008
PRIORITY APPLN. INFO.:			GB 2005-2418	A 20050205
			WO 2006-GB352	W 20060202

OTHER SOURCE(S): CASREACT 145:211064; MARPAT 145:211064  
GI



AB Substituted heterocyclic and heteroaryl derivs. I, wherein A is an aryl or 5 or 6 membered heteroaryl ring; B is a cycloalkyl 3 to 7 membered heterocycle, aryl, 5 or 6 membered heteroaryl or an 8-10 membered bicycle; D is a 5 or 6 membered nitrogen containing heteroaryl optionally substituted by oxygen, nitrogen or sulfur atoms; L is attached meta or para on the ethynyl group of A by a (un)substituted amide, (un)substituted carbamate, sulfonate, sulfonamide, a direct bond, or bound to an O or an (un)substituted N; R<sup>1</sup> is H, hydroxy, (un)substituted alkyl, (un)substituted alkoxy, (un)substituted cycloalkyl, (un)substituted heteroaryl or heterocyclic ring, (un)substituted amine; R<sup>2</sup> is halo, cyano, alkoxy, cyclopropyl, alkyl, where the alkoxy or alkyl groups are optionally substituted by cyano or 1 or more fluoro groups; L is meta or para attached by an (un)substituted amide, (un)substituted amine, alkyl group; R<sup>3</sup> is halo, cyano, oxo, cycloalkyl, 3 to 7 membered heterocycle; m, n, p are 0-3 are prepared and used as as medicaments and in the production of

an anti-angiogenic effect in a warm blooded animal. Thus, II was prepared and tested as an in vitro inhibitor of the Tie2 receptor tyrosine kinase and in the inhibition of autophosphorylation of Tie2 receptor tyrosine kinase (IC<sub>50</sub> are 2.6 and 0.031  $\mu$ M resp.). Further, I can be used in the treatment of cancer and as antineoplastic prodrugs.

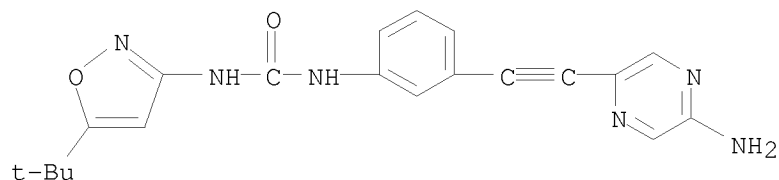
IT 905286-90-0P 905286-92-2P 905286-95-5P  
905286-96-6P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of pyrimidine derivs. and their use as Tie2 receptor tyrosine kinase inhibitors)

RN 905286-90-0 CAPLUS

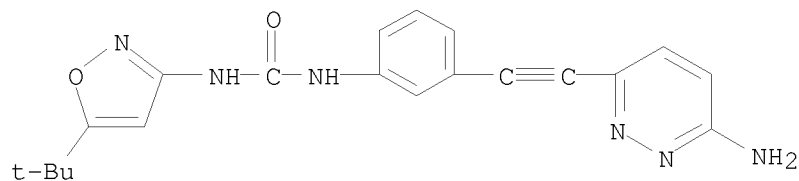
CN Urea, N-[3-[2-(5-amino-2-pyrazinyl)ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)



RN 905286-92-2 CAPLUS

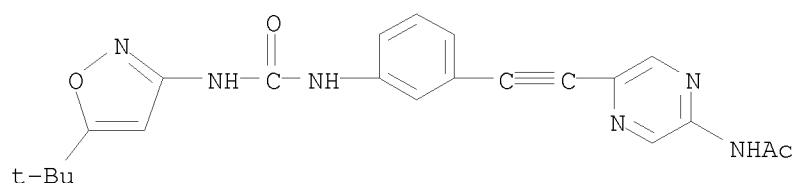


CN Urea, N-[3-[2-(6-amino-3-pyridazinyl)ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)



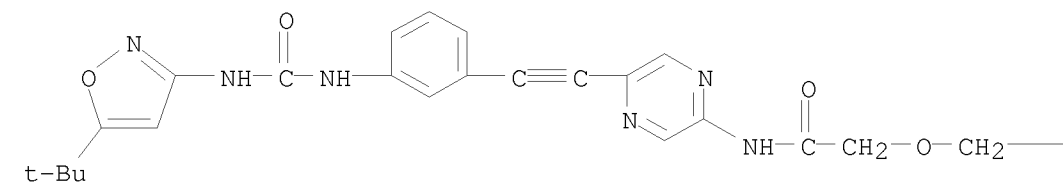
RN 905286-95-5 CAPLUS

CN Acetamide, N-[5-[2-[3-[[[5-(1,1-dimethylethyl)-3-isoxazolyl]amino]carbonyl]amino]phenyl]ethynyl]-2-pyrazinyl]- (CA INDEX NAME)



RN 905286-96-6 CAPLUS

CN Acetamide, N-[5-[2-[3-[[[5-(1,1-dimethylethyl)-3-isoxazolyl]amino]carbonyl]amino]phenyl]ethynyl]-2-(2-methoxyethoxy)- (CA INDEX NAME)



PAGE 1-A

PAGE 1-B

—CH<sub>2</sub>—OMe

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2006:790854 CAPLUS

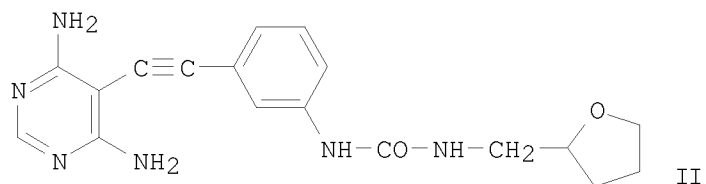
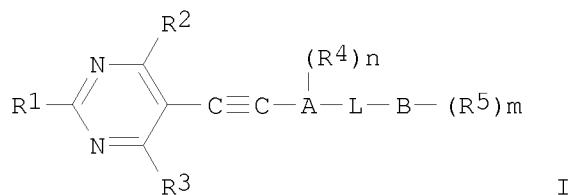
DOCUMENT NUMBER: 145:230644

TITLE: Preparation of pyrimidine derivatives and their use as Tie2 receptor tyrosine kinase inhibitors

INVENTOR(S): Jones, Clifford David; Luke, Richard William Arthur; Mccoull, William

PATENT ASSIGNEE(S): Astrazeneca AB, Swed.; Astrazeneca Uk Limited  
 SOURCE: PCT Int. Appl., 168pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

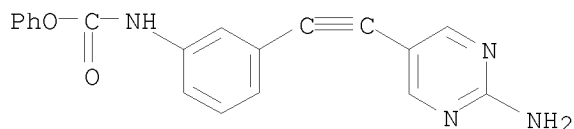
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EP 1863805	A1	20071212	EP 2006-701245	20060127
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR				
JP 2008528663	T	20080731	JP 2007-553683	20060127
IN 2007DN05604	A	20070817	IN 2007-DN5604	20070719
CN 101137652	A	20080305	CN 2006-80007855	20070911
PRIORITY APPLN. INFO.:				
			GB 2005-1984	A 20050201
			GB 2005-2417	A 20050205
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			WO 2006-GB284	W 20060127
OTHER SOURCE(S): CASREACT 145:230644; MARPAT 145:230644				
GI				



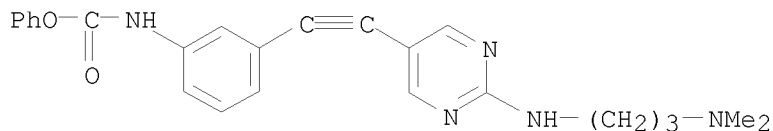
AB Substituted pyrimidine derivs. I, wherein R1 is an (un)substituted amine, (un)substituted 3-7 membered heterocyclic ring; R2 and R3 are H, (un)substituted alkyl, (un)substituted alkoxy; A is a 5 or 6 membered heteroaryl ring; R4 is halo, cyano, alkoxy, cyclopropyl, alkyl, where the alkoxy or alkyl groups are optionally substituted by cyano or 1 or more fluoro groups; L is meta or para attached by an (un)substituted amide, (un)substituted amine, alkyl group; B is a cycloalkyl, heterocyclic ring,

aryl, heteroaryl, bicyclic ring; R5 is a halo, hydroxyl, amino, alkylamino, cyano, cycloalkyl ring, an (un)substituted 3 to 7 membered heterocyclic ring; m and n are 0-3 are prepared and used as medicaments and in the production of an anti-angiogenic effect in a warm blooded animal. Thus, II was prepared and tested as an in vitro inhibitor of the Tie2 receptor tyrosine kinase and in the inhibition of autophosphorylation of Tie2 receptor tyrosine kinase (IC50 are 1.5 and 1.9  $\mu$ M resp.). Further, I can be used in the treatment of cancer and as antineoplastic prodrugs.

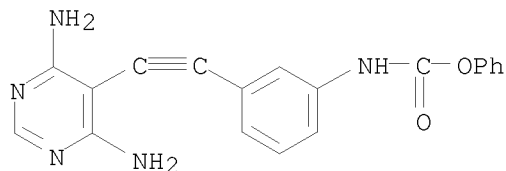
- IT 857265-17-9P, Phenyl[3-[(2-aminopyrimidin-5-yl)ethynyl]phenyl]carbamate 857266-46-7P, Phenyl 3-[[2-[[3-(dimethylamino)propyl]amino]pyrimidin-5-yl]ethynyl]phenylcarbamate 857287-13-9P, Phenyl[3-[(4,6-diaminopyrimidin-5-yl)ethynyl]phenyl]carbamate 905439-39-6P 905439-44-3P 905439-48-7P 905439-61-4P 905439-64-7P  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (preparation of pyrimidine derivs. and their use as Tie2 receptor tyrosine kinase inhibitors)  
 RN 857265-17-9 CAPLUS  
 CN Carbamic acid, [3-[(2-amino-5-pyrimidinyl)ethynyl]phenyl]-, phenyl ester (9CI) (CA INDEX NAME)



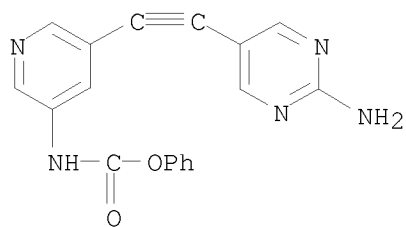
- RN 857266-46-7 CAPLUS  
 CN Carbamic acid, [3-[[2-[[3-(dimethylamino)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-, phenyl ester (9CI) (CA INDEX NAME)



- RN 857287-13-9 CAPLUS  
 CN Carbamic acid, [3-[(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-, phenyl ester (9CI) (CA INDEX NAME)

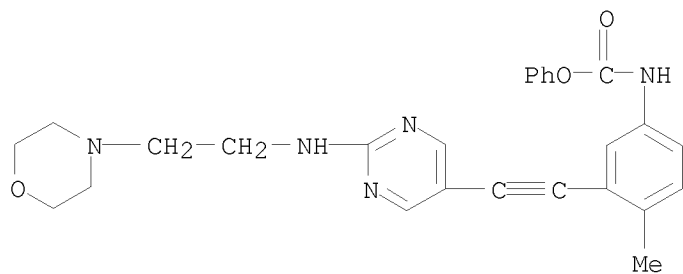


- RN 905439-39-6 CAPLUS  
 CN Carbamic acid, [5-[(2-amino-5-pyrimidinyl)ethynyl]-3-pyridinyl]-, phenyl ester (9CI) (CA INDEX NAME)



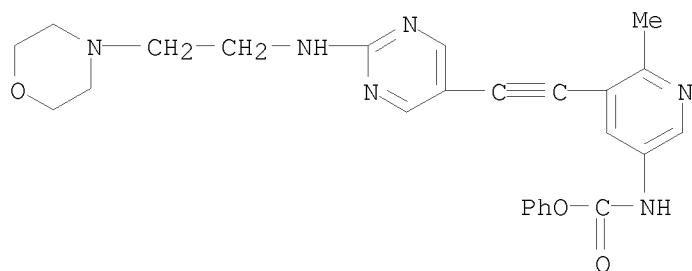
RN 905439-44-3 CAPLUS

CN Carbamic acid, [4-methyl-3-[[2-[[2-(4-morpholinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-, phenyl ester (9CI) (CA INDEX NAME)



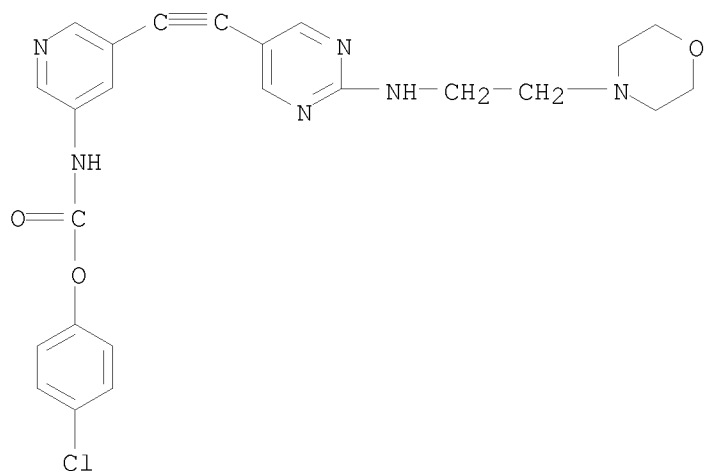
RN 905439-48-7 CAPLUS

CN Carbamic acid, [6-methyl-5-[[2-[[2-(4-morpholinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]-3-pyridinyl]-, phenyl ester (9CI) (CA INDEX NAME)

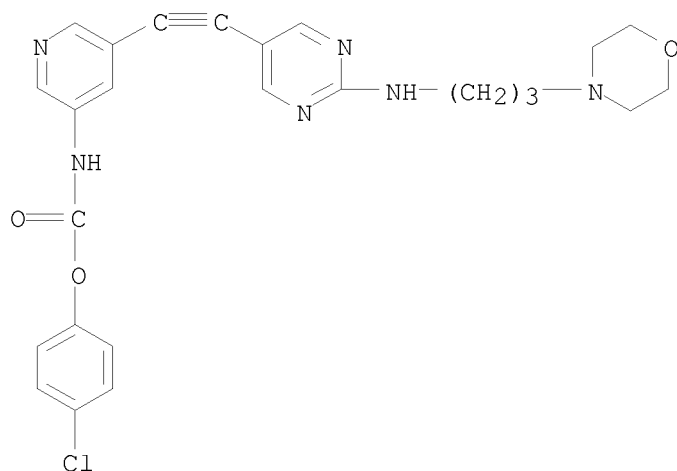


RN 905439-61-4 CAPLUS

CN Carbamic acid, [5-[[2-[[2-(4-morpholinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]-3-pyridinyl]-, 4-chlorophenyl ester (9CI) (CA INDEX NAME)



RN 905439-64-7 CAPLUS  
 CN Carbamic acid, [5-[[2-[[3-(4-morpholinyl)propyl]amino]-5-pyrimidinyl]ethynyl]-3-pyridinyl]-, 4-chlorophenyl ester (9CI) (CA INDEX NAME)



REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2006:381241 CAPLUS

DOCUMENT NUMBER: 144:432828

TITLE: Heteroaryl-substituted alkyne compounds as protein kinase inhibitors, their preparation, pharmaceutical compositions, and use in therapy

INVENTOR(S): Chaffee, Stuart C.; Albrecht, Brian K.; Hodous, Brian L.; Martin, Matthew W.; McGowan, David C.; Dimauro, Erin F.; Reddy, Gade; Cee, Victor J.; Olivieri, Philip R.; Reed, Anthony; Romero, Karina

PATENT ASSIGNEE(S): Amgen Inc., USA

SOURCE: PCT Int. Appl., 330 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

## PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006044823	A2	20060427	WO 2005-US37299	20051017
WO 2006044823	A3	20060615		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
US 20060217380	A1	20060928	US 2005-251490	20051014
AU 2005295414	A1	20060427	AU 2005-295414	20051017
CA 2583907	A1	20060427	CA 2005-2583907	20051017
EP 1802586	A2	20070704	EP 2005-812237	20051017
R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, YU				
PRIORITY APPLN. INFO.:			US 2004-620100P	P 20041018
			US 2005-251490	A 20051014
			WO 2005-US37299	W 20051017
OTHER SOURCE(S):			CASREACT 144:432828; MARPAT 144:432828	
GI				

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

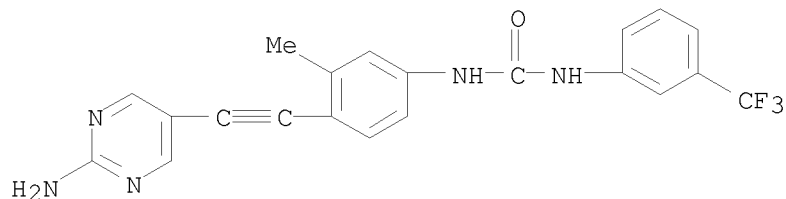
AB The invention relates to heteroaryl-substituted alkynes of formula I, which are protein kinase modulators. In compds. I, W, X, Y, and Z are independently selected from N and (un)substituted C; R1 is (un)substituted amino, acyl, acyloxy, carboxylate, carbamoyl, thiocarbamoyl, etc.; and R2 is 5- to 8-membered monocyclic, 6- to 12-membered bicyclic, or 7- to 14-membered tricyclic ring system, optionally including 1-3 heteroatoms selected from O, N, and S; including stereoisomers, tautomers, solvates, salts, derivs., and prodrugs thereof. The invention also relates to the preparation of I, pharmaceutical compns. comprising a compound I and a pharmaceutically acceptable carrier, as well as to the use of the compns. for the prophylaxis and treatment of protein kinase-mediated diseases, including inflammation, cancer and related conditions. Chlorination of 3-iodo-4-methylbenzoic acid and amidation with 3-trifluoromethylaniline gave benzamide II, which underwent coupling with 2-amino-5-ethynylpyrimidine (preparation from 2-amino-5-iodopyrimidine and trimethylsilylacetylene is given) to give pyrimidinylalkyne III. Several compds. of the invention, e.g., III, express IC50 values of less than or equal to 10  $\mu$ M both for Tie-2 and Lck kinase.

IT 884602-98-6P, N-[4-[2-(2-Aminopyrimidin-5-yl)ethynyl]-3-methylphenyl]-N'-[3-(trifluoromethyl)phenyl]urea 884603-00-3P  
 884604-13-1P, N-[3-Methyl-4-[[4-[[2-(methyloxy)phenyl]oxy]-2-[[4-(4-methyl-1-piperazinyl)phenyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[3-(trifluoromethyl)phenyl]urea  
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug candidate; preparation of heteroaryl-substituted alkynes as protein kinase modulators)

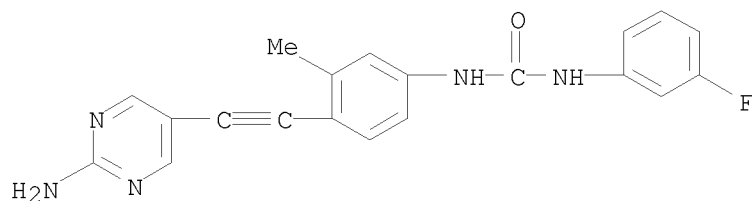
RN 884602-98-6 CAPLUS

CN Urea, N-[4-[2-(2-amino-5-pyrimidinyl)ethynyl]-3-methylphenyl]-N'-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)



RN 884603-00-3 CAPLUS

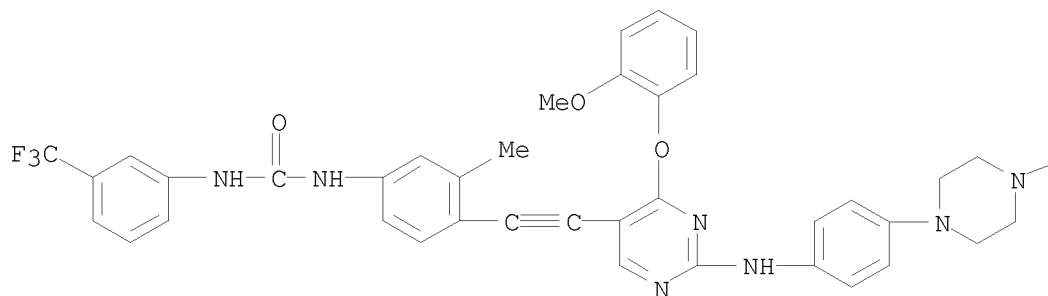
CN Urea, N-[4-[2-(2-amino-5-pyrimidinyl)ethynyl]-3-methylphenyl]-N'-(3-fluorophenyl)- (CA INDEX NAME)



RN 884604-13-1 CAPLUS

CN Urea, N-[4-[2-[4-(2-methoxyphenoxy)-2-[[4-(4-methyl-1-piperazinyl)phenyl]amino]-5-pyrimidinyl]ethynyl]-3-methylphenyl]-N'-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

PAGE 1-A



PAGE 1-B

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REFERENCE COUNT:

10

THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:588668 CAPLUS

DOCUMENT NUMBER: 143:115557

TITLE: Preparation of 2-aminopyrimidine derivatives as inhibitors of Tie2 receptor tyrosine kinases

INVENTOR(S): Jones, Clifford David; Luke, Richard William Arthur; McCoull, William

PATENT ASSIGNEE(S): Astrazeneca AB, Swed.; Astrazeneca UK Limited

SOURCE: PCT Int. Appl., 178 pp.

CODEN: PIXXD2

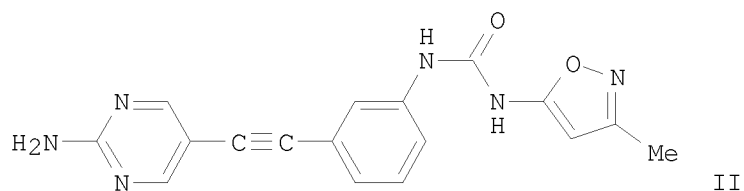
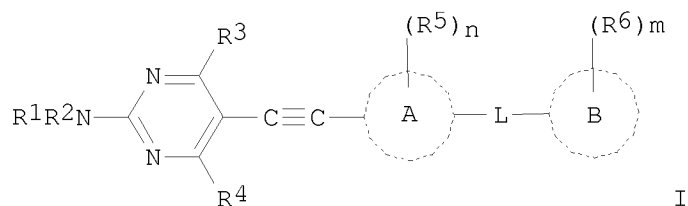
DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005060970	A1	20050707	WO 2004-GB5337	20041220
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP 1737463	A1	20070103	EP 2004-806139	20041220
EP 1737463	B1	20081203		
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR			
CN 1917879	A	20070221	CN 2004-80041901	20041220
JP 2007517007	T	20070628	JP 2006-546306	20041220
AT 415970	T	20081215	AT 2004-806139	20041220
US 20080108608	A1	20080508	US 2006-596745	20060622
IN 2006MN00846	A	20070608	IN 2006-MN846	20060717
PRIORITY APPLN. INFO.:			GB 2003-30000	A 20031224
			GB 2004-16849	A 20040729
			WO 2004-GB5337	W 20041220
OTHER SOURCE(S):	CASREACT 143:115557; MARPAT 143:115557			
GI				



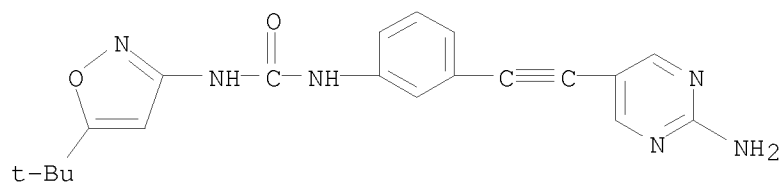


AB Title compds. I [wherein R1, R2 = H, alkyl, alkanoyl; R3, R4 = H, alkyl, alkoxy; R5 = cyclopropyl, halo, cyano; m, n = 0-3; R6 = halo, oxo, cyano; etc., or salts thereof] were prepared as inhibitors of Tie2 receptor tyrosine kinases. Processes for the synthesis of I and some intermediates involved are claimed. For example, 2-amino-5-iodopyrimidine underwent Pd-catalyzed coupling with 3-ethynylaniline in the presence of CuI. The resultant substituted aniline was condensed with a carbamate, which was obtained from Ph chloroformate and 5-amino-3-methylisoxazole, to give urea II. This compound showed inhibition against Tie2 receptor tyrosine kinase in vitro and inhibition of autophosphorylation of Tie2 receptor tyrosine kinase with IC50 values of 19.871  $\mu$ M and 0.337  $\mu$ M, resp. Therefore, I and their pharmaceutical compns. have potential use in the production of an anti-angiogenic effect in a warm-blooded animal.

IT 857265-16-8P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(5-tert-butylisoxazol-3-yl)urea 857265-17-9P, Phenyl [3-[(2-aminopyrimidin-5-yl)ethynyl]phenyl]carbamate 857265-31-7P, N-[3-[[2-[(2-Aminoethyl)amino]pyrimidin-5-yl]ethynyl]phenyl]-N'-(5-tert-butylisoxazol-3-yl)urea 857265-32-8P, N-[3-[[2-[(3-Aminopropyl)amino]pyrimidin-5-yl]ethynyl]phenyl]-N'-(5-tert-butylisoxazol-3-yl)urea 857266-46-7P, Phenyl [3-[[2-[[3-(dimethylamino)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]carbamate  
 RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
 (inhibitor; preparation of pyrimidine derivs. as inhibitors of Tie2 receptor tyrosine kinases)

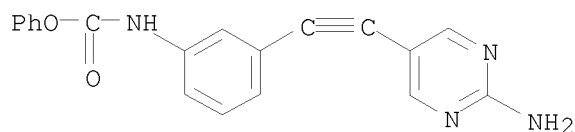
RN 857265-16-8 CAPLUS

CN Urea, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)



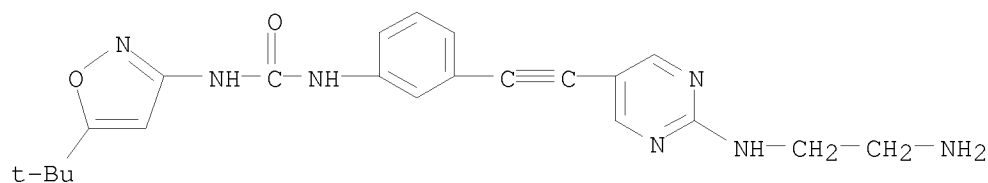
RN 857265-17-9 CAPLUS

CN Carbamic acid, [3-[(2-amino-5-pyrimidinyl)ethynyl]phenyl]-, phenyl ester (9CI) (CA INDEX NAME)



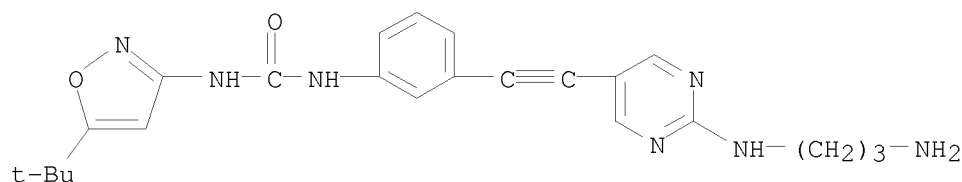
RN 857265-31-7 CAPLUS

CN Urea, N-[3-[2-[2-[(2-aminoethyl)amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)



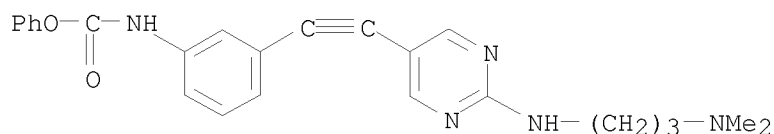
RN 857265-32-8 CAPLUS

CN Urea, N-[3-[2-[2-[(3-aminopropyl)amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)



RN 857266-46-7 CAPLUS

CN Carbamic acid, [3-[[2-[[3-(dimethylamino)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-, phenyl ester (9CI) (CA INDEX NAME)



IT 857264-91-6P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(2-fluoro-5-(trifluoromethyl)phenyl)urea 857264-93-8P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(2-(trifluoromethyl)phenyl)urea 857264-94-9P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(4-(trifluoromethyl)phenyl)urea 857264-95-0P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(2-fluorophenyl)urea 857264-96-1P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(3-fluorophenyl)urea 857264-97-2P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(4-fluorophenyl)urea 857264-98-3P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(3-methoxyphenyl)urea 857264-99-4P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(2,5-difluorophenyl)urea 857265-00-0P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(1,3-benzodioxol-5-yl)urea 857265-01-1P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(3-(trifluoromethyl)phenyl)urea 857265-02-2P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(2-methoxyphenyl)urea 857265-03-3P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(4-methoxyphenyl)urea 857265-04-4P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(3,4-difluorophenyl)urea 857265-05-5P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(3-cyanophenyl)urea 857265-06-6P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(3-chlorophenyl)urea 857265-07-7P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-cyclopentylurea 857265-08-8P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(3,5-difluorophenyl)urea 857265-09-9P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(5-

tert-butyl-1,3,4-thiadiazol-2-yl)urea 857265-13-5P,  
N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(3-methylisoxazol-5-yl)urea 857265-14-6P, N-[3-[[[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]amino]carbonyl]amino]phenyl]acetamide 857265-15-7P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-[4-(trifluoromethyl)pyridin-2-yl]urea 857265-18-0P,  
N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(2-oxopiperidin-3-yl)urea 857265-19-1P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-(methylamino)pyrimidin-5-yl]ethynyl]phenyl]urea 857265-22-6P,  
N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-(dimethylamino)pyrimidin-5-yl]ethynyl]phenyl]urea 857265-23-7P,  
N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[2-(morpholin-4-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-24-8P,  
N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[3-(morpholin-4-yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-25-9P,  
N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[(2-methoxyethyl)amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-26-0P,  
N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[3-(1H-imidazol-1-yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-27-1P,  
N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[(3-methoxypropyl)amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-28-2P,  
N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[(2-hydroxyethyl)amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-29-3P,  
N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[2-(pyrrolidin-1-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-30-6P,  
N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[3-(pyrrolidin-1-yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-33-9P,  
N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[2-(dimethylamino)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-34-0P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[3-(dimethylamino)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-35-1P, N-[5-[[3-[[[5-tert-Butylisoxazol-3-yl]amino]carbonyl]amino]phenyl]ethynyl]pyrimidin-2-yl]glycinamide 857265-36-2P 857265-37-3P,  
N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[2-(1H-imidazol-4-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-38-4P,  
N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[2-(pyridin-2-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-39-5P,  
N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[3-(isopropylamino)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-40-8P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[3-(4-methylpiperazin-1-yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-41-9P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[2-(pyridin-4-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-42-0P,  
, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[3-(piperidin-1-yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-43-1P,  
N-(5-Methylisoxazol-3-yl)-N'-[3-[[2-[[2-(pyrrolidin-1-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-47-5P,  
N-(5-tert-Butyl-1,3,4-thiadiazol-2-yl)-N'-[3-[[2-[[2-(pyrrolidin-1-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-48-6P,  
N-(3-Methylisothiazol-5-yl)-N'-[3-[[2-[[2-(pyrrolidin-1-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-49-7P,  
N-(3-Fluorophenyl)-N'-[3-[[2-[[2-(pyrrolidin-1-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-50-0P,  
N-(4-Methoxyphenyl)-N'-[3-[[2-[[2-(pyrrolidin-1-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-51-1P,  
N-(2-Fluorophenyl)-N'-[3-[[2-[[2-(pyrrolidin-1-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-52-2P,  
N-(2,5-Difluorophenyl)-N'-[3-[[2-[[2-(pyrrolidin-1-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-53-3P,  
N-(3,4-Difluorophenyl)-N'-[3-[[2-[[2-(pyrrolidin-1-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-54-4P,

N-[2-Fluoro-5-(trifluoromethyl)phenyl]-N'-[3-[[2-[[2-(pyrrolidin-1-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-55-5P,  
N-[3-[[2-[[2-(pyrrolidin-1-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]-N'-[4-(trifluoromethyl)phenyl]urea 857265-56-6P,  
N-(1,3-Benzodioxol-5-yl)-N'-[3-[[2-[[2-(pyrrolidin-1-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-57-7P,  
N-(4-Fluorophenyl)-N'-[3-[[2-[[2-(pyrrolidin-1-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-58-8P,  
N-(3-Chlorophenyl)-N'-[3-[[2-[[2-(pyrrolidin-1-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-59-9P,  
N-(5-Methylisoxazol-3-yl)-N'-[3-[[2-[[2-(morpholin-4-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-60-2P,  
N-(5-tert-Butyl-1,3,4-thiadiazol-2-yl)-N'-[3-[[2-[[2-(morpholin-4-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-61-3P,  
N-[2-Fluoro-5-(trifluoromethyl)phenyl]-N'-[3-[[2-[[2-(morpholin-4-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-62-4P,  
N-(5-Methylisoxazol-3-yl)-N'-[3-[[2-[[3-(morpholin-4-yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-63-5P,  
N-(5-tert-Butyl-1,3,4-thiadiazol-2-yl)-N'-[3-[[2-[[3-(morpholin-4-yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-64-6P,  
N-[2-Fluoro-5-(trifluoromethyl)phenyl]-N'-[3-[[2-[[3-(morpholin-4-yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-65-7P,  
N-(5-Methylisoxazol-3-yl)-N'-[4-[[2-[[2-(pyrrolidin-1-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-68-0P,  
N-(5-tert-Butylisoxazol-3-yl)-N'-[4-[[2-[[2-(pyrrolidin-1-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-69-1P,  
N-(5-tert-Butyl-1,3,4-thiadiazol-2-yl)-N'-[4-[[2-[[2-(pyrrolidin-1-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-70-4P,  
N-[2-Fluoro-5-(trifluoromethyl)phenyl]-N'-[4-[[2-[[2-(pyrrolidin-1-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857265-71-5P,  
N-[5-[[3-[[[5-tert-Butylisoxazol-3-yl]amino]carbonyl]amino]phenyl]ethynyl]pyrimidin-2-yl]-2-(2-methoxyethoxy)acetamide 857265-72-6P,  
N-[6-[[2-(Aminopyrimidin-5-yl)ethynyl]pyridin-2-yl]-N'-(5-tert-butylisoxazol-3-yl)urea 857265-76-0P,  
N-[2-[[2-(Aminopyrimidin-5-yl)ethynyl]pyridin-4-yl]-N'-(5-tert-butylisoxazol-3-yl)urea 857265-78-2P,  
N-[5-[[2-(Aminopyrimidin-5-yl)ethynyl]-1,3-thiazol-2-yl]-N'-[2-fluoro-5-(trifluoromethyl)phenyl]urea 857265-80-6P,  
N-[5-[[2-(Aminopyrimidin-5-yl)ethynyl]-1,3,4-thiadiazol-2-yl]-N'-[2-fluoro-5-(trifluoromethyl)phenyl]urea 857265-82-8P,  
N-[5-[[2-(Aminopyrimidin-5-yl)ethynyl]-1,3-thiazol-2-yl]-N'-(5-tert-butylisoxazol-3-yl)urea 857265-84-0P,  
N-[3-[[2-(Aminopyrimidin-5-yl)ethynyl]phenyl]-2-(2-methoxyphenyl)acetamide 857265-85-1P, 2-Phenyl-N-[3-[2-(2-aminopyrimidin-5-yl)ethynyl]phenyl]acetamide 857265-86-2P,  
N-[3-[[2-(Aminopyrimidin-5-yl)ethynyl]phenyl]-2-(3-methoxyphenyl)acetamide 857265-87-3P, N-[3-[[2-(Aminopyrimidin-5-yl)ethynyl]phenyl]-2-[3-(trifluoromethyl)phenyl]acetamide 857265-88-4P,  
N-[3-[[2-(Aminopyrimidin-5-yl)ethynyl]phenyl]-2-[4-(trifluoromethyl)phenyl]acetamide 857265-89-5P,  
N-[3-[[2-(Aminopyrimidin-5-yl)ethynyl]phenyl]-2-(3-methylisoxazol-5-yl)acetamide 857265-91-9P,  
N-[4-[[2-(Aminopyrimidin-5-yl)ethynyl]phenyl]-2-(2-methoxyphenyl)acetamide 857265-92-0P, N-[4-[[2-(Aminopyrimidin-5-yl)ethynyl]phenyl]-2-(3-methylisoxazol-5-yl)acetamide 857265-93-1P,  
N-[3-[[2-(Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(2,2-dimethyltetrahydro-2H-pyran-4-yl)urea 857265-94-2P,  
N-[6-[[2-(Aminopyrimidin-5-yl)ethynyl]pyrimidin-4-yl]-N'-(5-tert-butylisoxazol-3-yl)urea 857265-96-4P,  
N'-[3-[[2-(Aminopyrimidin-5-yl)ethynyl]phenyl]-N-(5-tert-butylisoxazol-3-yl)-N-methylurea 857265-97-5P,

N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-phenylurea  
857265-98-6P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(1-  
tert-butyl-3-cyclopropyl-1H-pyrazol-5-yl)urea 857265-99-7P,  
N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(5-methyl-1,3,4-thiadiazol-  
2-yl)urea 857266-00-3P,  
N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(5-ethyl-1,3,4-thiadiazol-  
2-yl)urea 857266-01-4P, N-[3-[(2-Aminopyrimidin-5-  
yl)ethynyl]phenyl]-N'-(5-isopropyl-1,3,4-thiadiazol-2-yl)urea  
857266-02-5P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(4-  
tert-butyl-1,3-thiazol-2-yl)urea 857266-03-6P,  
N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(5-methylisoxazol-3-  
yl)urea 857266-04-7P, N-[3-[(2-Aminopyrimidin-5-  
yl)ethynyl]phenyl]-N'-[5-(trifluoromethyl)-1,3,4-thiadiazol-2-yl]urea  
857266-05-8P, N'-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N-  
methyl-N-[5-(trifluoromethyl)-1,3,4-thiadiazol-2-yl]urea  
857266-06-9P, N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(5-  
cyclopropyl-1,3,4-thiadiazol-2-yl)urea 857266-07-0P,  
N-Phenyl-N'-[3-[[2-[[3-(piperidin-1-yl)propyl]amino]pyrimidin-5-  
yl]ethynyl]phenyl]urea 857266-09-2P,  
N-(5-Methylisoxazol-3-yl)-N'-[3-[[2-[[3-(piperidin-1-  
yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857266-10-5P,  
N-[3-[[2-[[3-(Piperidin-1-yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]-  
N'-[4-(trifluoromethyl)pyridin-2-yl]urea 857266-11-6P,  
N-(5-tert-Butyl-1,3,4-thiadiazol-2-yl)-N'-[3-[[2-[[3-(piperidin-1-  
yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857266-12-7P,  
N-(3-Methylisoxazol-5-yl)-N'-[3-[[2-[[3-(piperidin-1-  
yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857266-13-8P,  
N-(2-Methoxyphenyl)-N'-[3-[[2-[[3-(piperidin-1-yl)propyl]amino]pyrimidin-5-  
yl]ethynyl]phenyl]urea 857266-14-9P,  
N-(3-Fluorophenyl)-N'-[3-[[2-[[3-(piperidin-1-yl)propyl]amino]pyrimidin-5-  
yl]ethynyl]phenyl]urea 857266-15-0P,  
N-[3-[[2-[[4-Aminobutyl]amino]pyrimidin-5-yl]ethynyl]phenyl]-N'-(5-tert-  
butylisoxazol-3-yl)urea 857266-16-1P,  
N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[2-(piperidin-1-  
yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857266-17-2P,  
N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[2-  
(isopropylamino)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea  
857266-18-3P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[2-(2-  
hydroxyethoxy)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea  
857266-19-4P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[4-  
(dimethylamino)butyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea  
857266-20-7P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[2-  
(dimethylamino)-1-methylethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea  
857266-21-8P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[1-methyl-2-  
(morpholin-4-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea  
857266-22-9P 857266-25-2P 857266-26-3P,  
N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[2-(piperazin-1-  
yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857266-27-4P,  
N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[3-(piperazin-1-  
yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857266-29-6P,  
N-(5-tert-Butylisoxazol-3-yl)-N-methyl-N'-[3-[[2-[[2-(morpholin-4-  
yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857266-32-1P,  
N-(5-tert-Butylisoxazol-3-yl)-N-methyl-N'-[3-[[2-[[3-(morpholin-4-  
yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857266-33-2P,  
N-(5-tert-Butylisoxazol-3-yl)-N-methyl-N'-[3-[[2-[[3-(piperidin-1-  
yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857266-34-3P,  
N-(3-tert-Butyl-1-methyl-1H-pyrazol-5-yl)-N'-[3-[[2-[[3-(piperidin-1-  
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N-(3-tert-Butyl-1-methyl-1H-pyrazol-5-yl)-N'-[3-[[2-[[3-(morpholin-4-  
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N-(3-tert-Butyl-1-methyl-1H-pyrazol-5-yl)-N'-[3-[[2-[[2-(morpholin-4-  
yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857266-38-7P,

N-(3-tert-Butyl-1-methyl-1H-pyrazol-5-yl)-N'-[3-[[2-[[2-(dimethylamino)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea  
 857266-39-8P, N-(3-tert-Butyl-1-methyl-1H-pyrazol-5-yl)-N'-[3-[[2-[[2-(isopropylamino)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea  
 857266-40-1P, N-(3-Cyclopropyl-1-methyl-1H-pyrazol-5-yl)-N'-[3-[[2-[[3-(piperidin-1-yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea  
 857266-42-3P, N-(3-Cyclopropyl-1-methyl-1H-pyrazol-5-yl)-N'-[3-[[2-[[3-(morpholin-4-yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea  
 857266-43-4P, N-(3-Cyclopropyl-1-methyl-1H-pyrazol-5-yl)-N'-[3-[[2-[[2-(morpholin-4-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea  
 857266-44-5P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[2-(2-hydroxy-1-oxoethyl)amino]ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea  
 857266-45-6P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[3-[(2-hydroxyethyl)amino]propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea  
 857266-48-9P, N-[3-[[2-[[3-(Dimethylamino)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]-N'-phenylurea 857266-49-0P,  
 N-[3-[[2-[[3-(Dimethylamino)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]-N'-(5-methylisoxazol-3-yl)urea 857266-50-3P,  
 N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[3-(dimethylamino)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]-N-methylurea  
 857266-51-4P, N'-[4-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N-(5-tert-butylisoxazol-3-yl)-N-methylurea 857266-53-6P,  
 N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(5-tert-butylisoxazol-3-yl)-N-methylurea 857266-57-0P,  
 N-[5-[(2-Aminopyrimidin-5-yl)ethynyl]pyridin-3-yl]-N'-(5-tert-butylisoxazol-3-yl)urea 857266-61-6P,  
 N-[5-[(2-Aminopyrimidin-5-yl)ethynyl]pyridin-3-yl]-N'-(3-tert-butyl-1-methyl-1H-pyrazol-5-yl)urea 857266-63-8P,  
 N-[5-[(2-Aminopyrimidin-5-yl)ethynyl]pyridin-3-yl]-N'-(3-cyclopropyl-1-methyl-1H-pyrazol-5-yl)urea 857266-64-9P,  
 N-[5-[(2-Aminopyrimidin-5-yl)ethynyl]-1,3-thiazol-2-yl]-N'-phenylurea 857266-65-0P,  
 N-[5-[(2-Aminopyrimidin-5-yl)ethynyl]-1,3-thiazol-2-yl]-N'-(2,2-dimethyltetrahydro-2H-pyran-4-yl)urea 857266-67-2P,  
 N-[5-[(2-Aminopyrimidin-5-yl)ethynyl]-1,3-thiazol-2-yl]-N'-(3-cyclopropyl-1-methyl-1H-pyrazol-5-yl)urea 857266-70-7P,  
 N-[5-[(2-Aminopyrimidin-5-yl)ethynyl]-1,3-thiazol-2-yl]-N'-(3-tert-butyl-1-methyl-1H-pyrazol-5-yl)urea 857266-74-1P,  
 N-[5-[(2-Aminopyrimidin-5-yl)ethynyl]-1,3,4-thiadiazol-2-yl]-N'-phenylurea 857266-78-5P,  
 N-[5-[(2-Aminopyrimidin-5-yl)ethynyl]-1,3,4-thiadiazol-2-yl]-N'-(2,2-dimethyltetrahydro-2H-pyran-4-yl)urea 857266-82-1P,  
 N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(1,3-dimethyl-1H-pyrazol-5-yl)urea 857266-84-3P,  
 N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-[5-(ethylthio)-1,3,4-thiadiazol-2-yl]urea 857266-86-5P,  
 N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(3-cyclopropyl-1-methyl-1H-pyrazol-5-yl)urea 857266-88-7P,  
 N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(3-tert-butyl-1-methyl-1H-pyrazol-5-yl)urea 857266-90-1P,  
 N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(1-tert-butyl-1H-pyrazol-4-yl)urea 857266-93-4P,  
 N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(3-isopropyl-1-methyl-1H-pyrazol-5-yl)urea 857266-96-7P,  
 N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(5-isopropyl-1,3,4-oxadiazol-2-yl)urea 857266-99-0P,  
 N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(1-ethyl-1H-pyrazol-3-yl)urea 857267-02-8P,  
 N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-(1-isopropyl-1H-pyrazol-3-yl)urea 857267-06-2P,  
 N-[3-[(2-Aminopyrimidin-5-yl)ethynyl]phenyl]-N'-[3-fluoro-5-(4-methylpiperazin-1-yl)phenyl]urea 857267-09-5P,  
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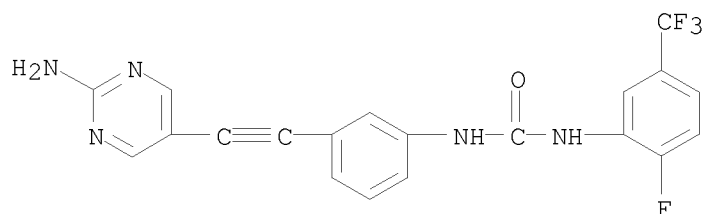
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES

(Uses)

(inhibitor; preparation of pyrimidine derivs. as inhibitors of Tie2 receptor tyrosine kinases)

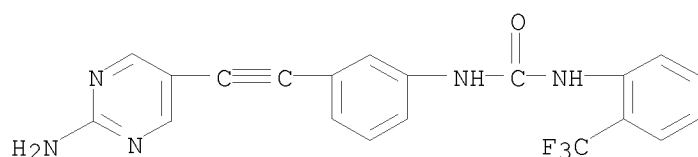
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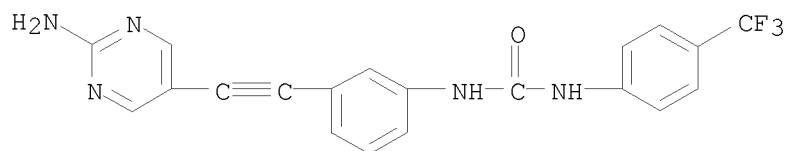
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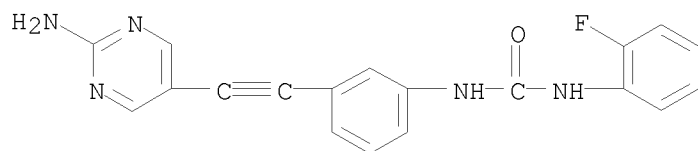
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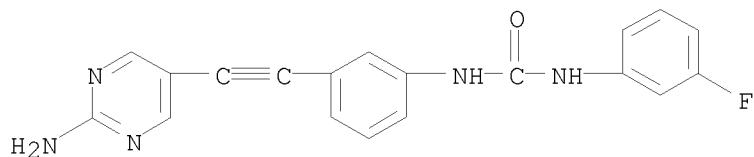
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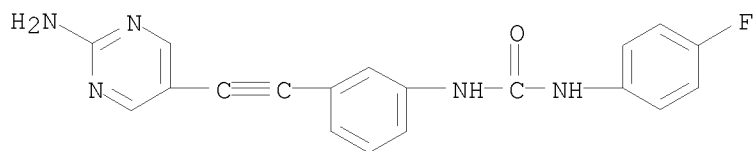


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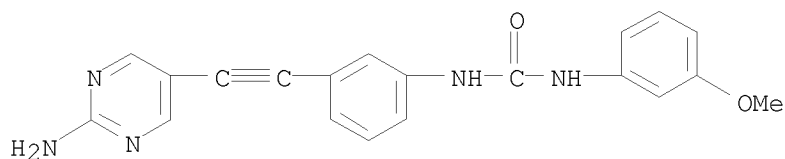
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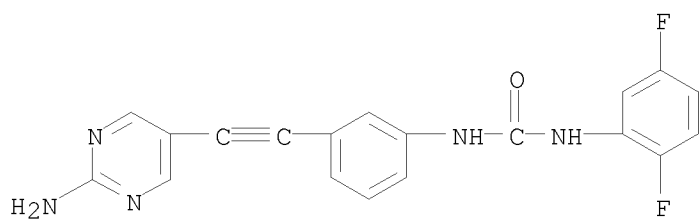
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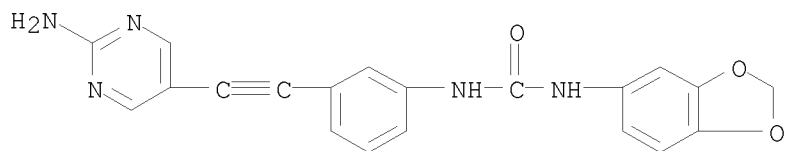
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 (CA INDEX NAME)



RN 857264-99-4 CAPLUS  
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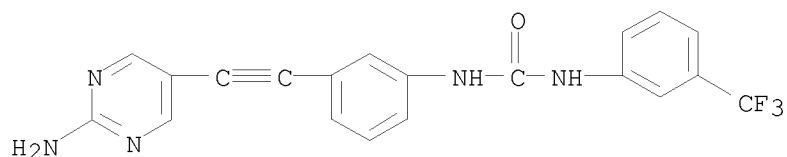
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RN 857265-01-1 CAPLUS

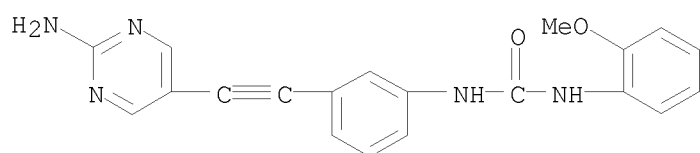


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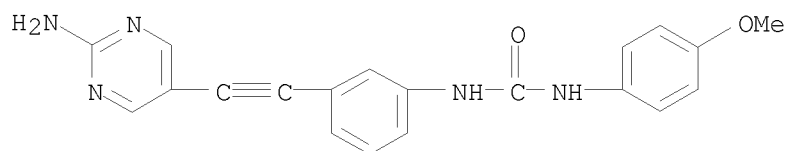
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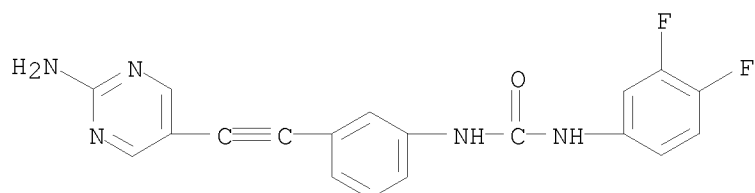
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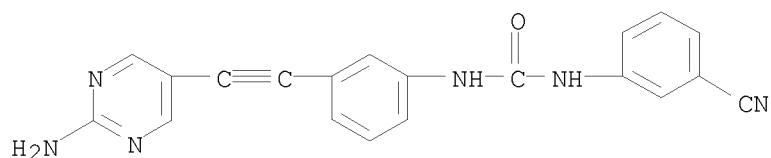
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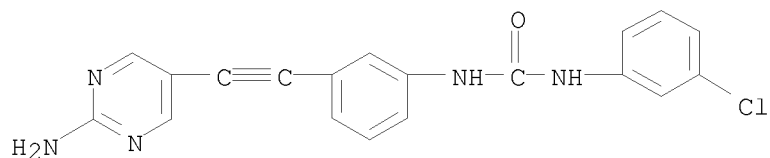


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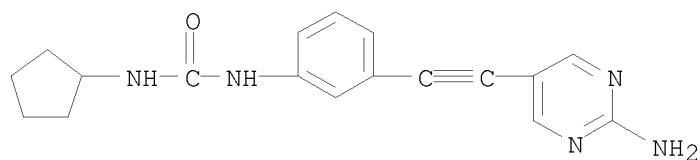
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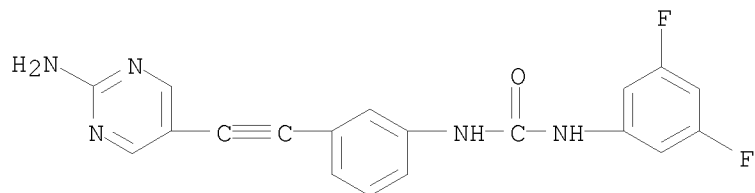
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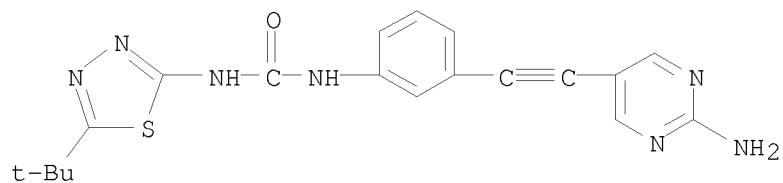
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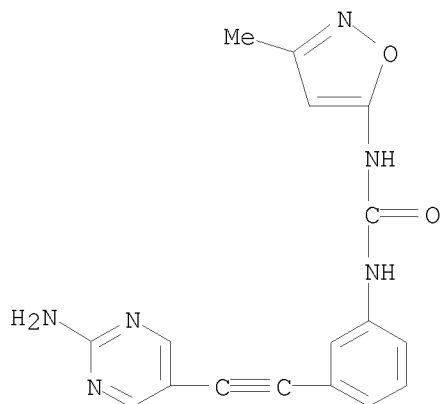
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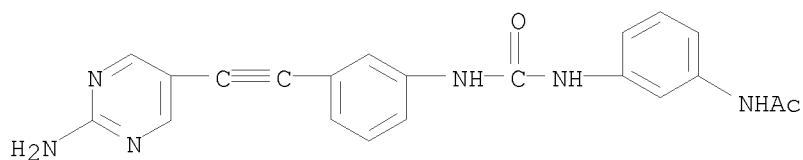
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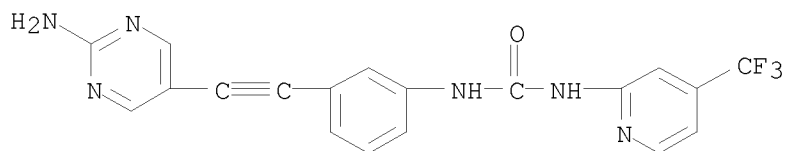
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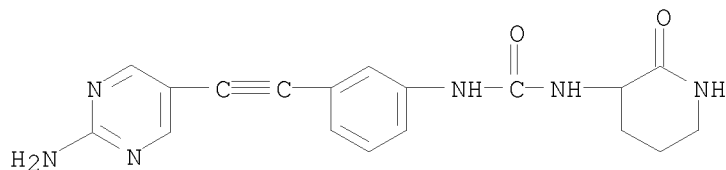
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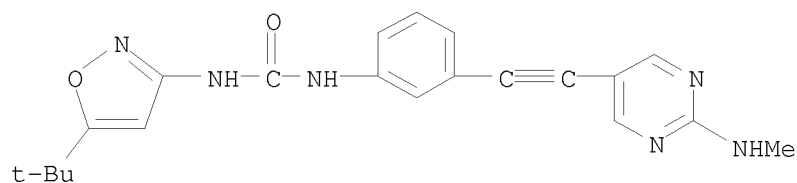
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RN 857265-18-0 CAPLUS  
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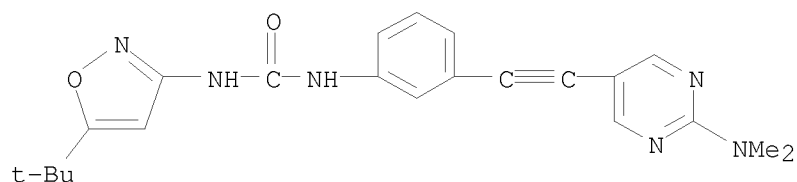


RN 857265-19-1 CAPLUS  
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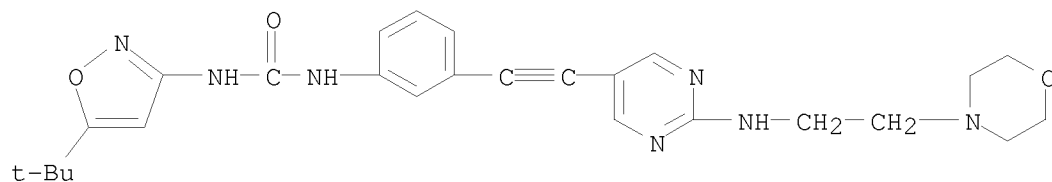
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CN Urea, N-[3-[2-[2-(dimethylamino)-5-pyrimidinyl]ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)



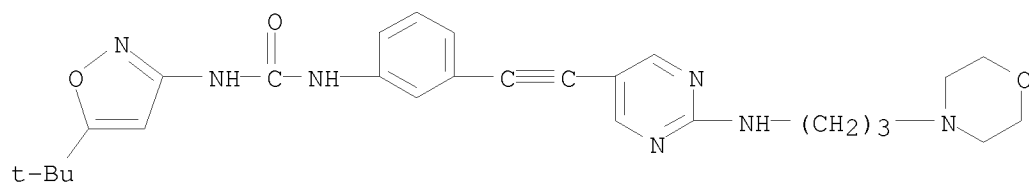
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CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[2-(4-morpholinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



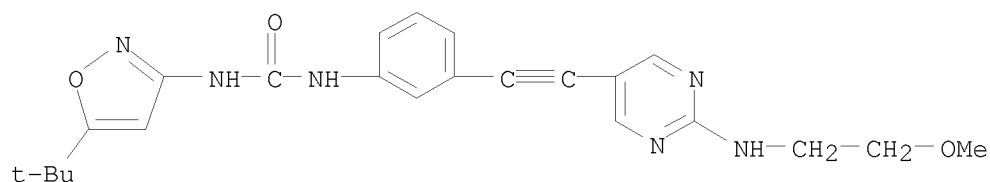
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CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[3-(4-morpholinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



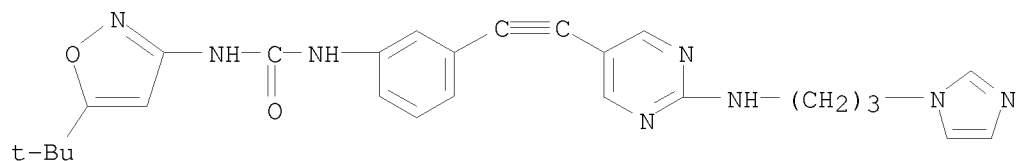
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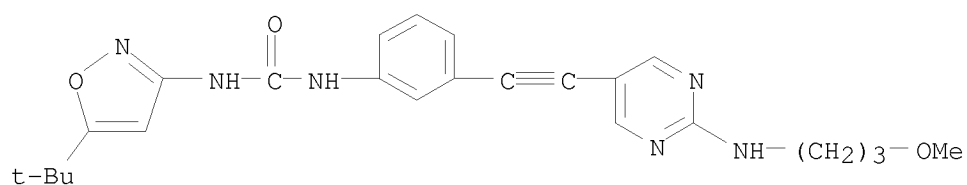
RN 857265-26-0 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[3-(1H-imidazol-1-yl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



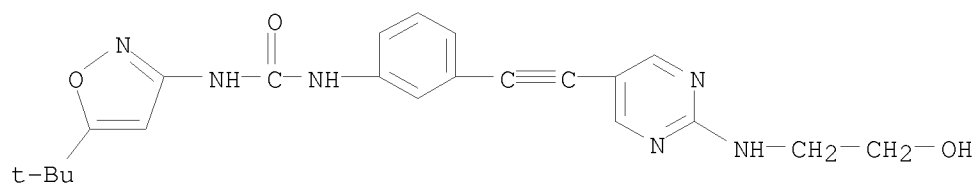
RN 857265-27-1 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[(3-methoxypropyl)amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



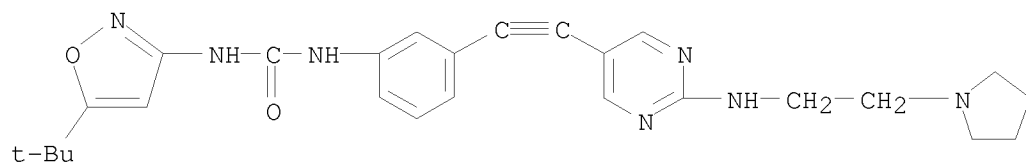
RN 857265-28-2 CAPLUS

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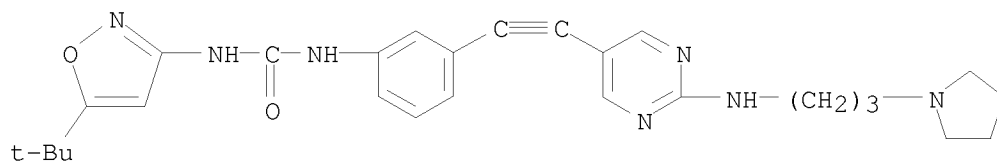
RN 857265-29-3 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[2-(1-pyrrolidinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)

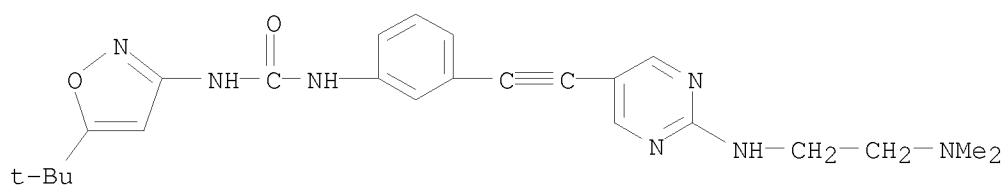


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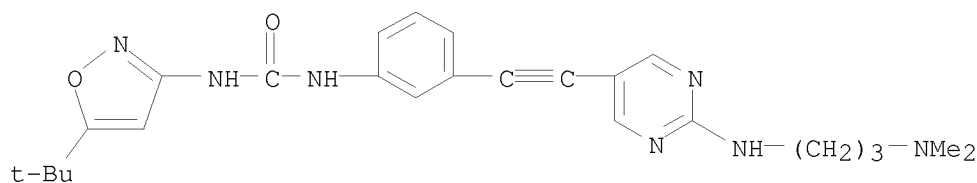
CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[3-(1-pyrrolidinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



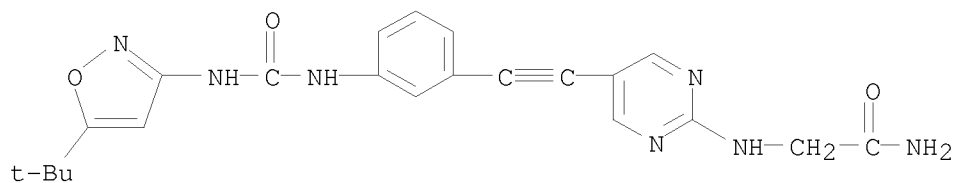
RN 857265-33-9 CAPLUS  
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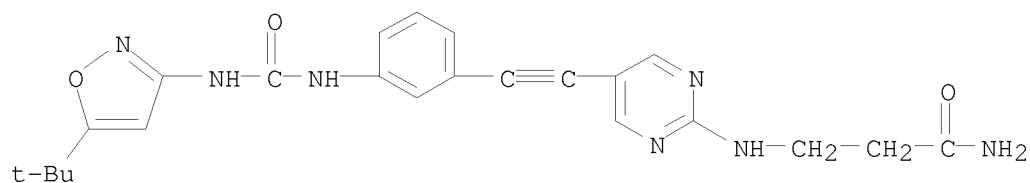
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 CN Urea, N-[3-[2-[2-[3-(dimethylamino)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)



RN 857265-35-1 CAPLUS  
 CN Acetamide, 2-[[5-[2-[3-[[[5-(1,1-dimethylethyl)-3-isoxazolyl]amino]carbonyl]amino]phenyl]ethynyl]-2-pyrimidinyl]amino]- (CA INDEX NAME)

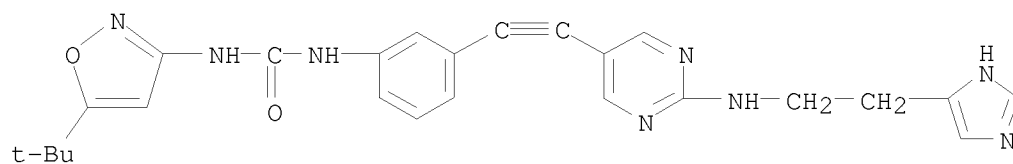


RN 857265-36-2 CAPLUS  
 CN Propanamide, 3-[[5-[2-[3-[[[5-(1,1-dimethylethyl)-3-isoxazolyl]amino]carbonyl]amino]phenyl]ethynyl]-2-pyrimidinyl]amino]- (CA INDEX NAME)



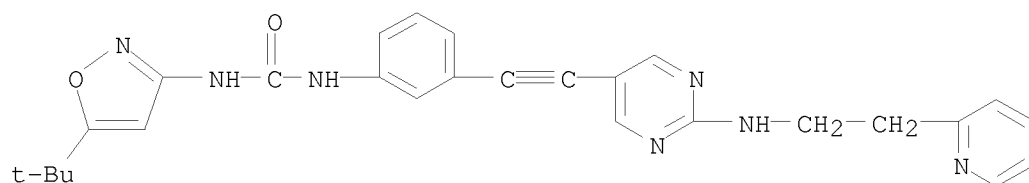
RN 857265-37-3 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[2-(1H-imidazol-5-yl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



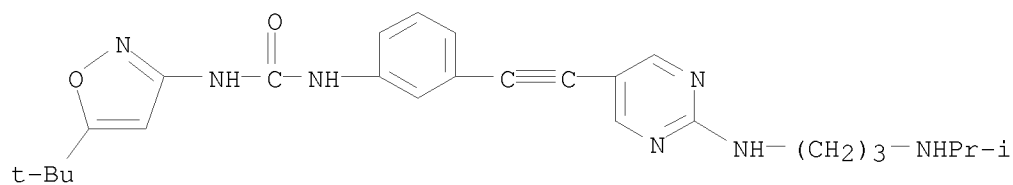
RN 857265-38-4 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[2-(2-pyridinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



RN 857265-39-5 CAPLUS

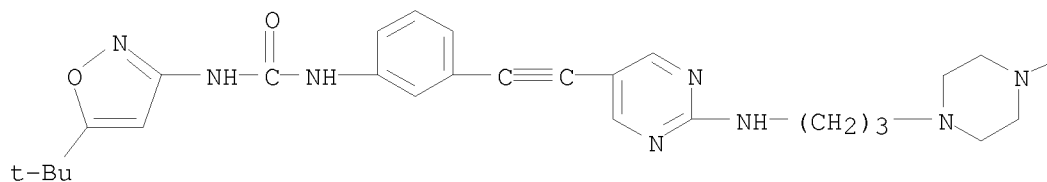
CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[3-[(1-methylethyl)amino]propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



RN 857265-40-8 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[3-(4-methyl-1-piperazinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)

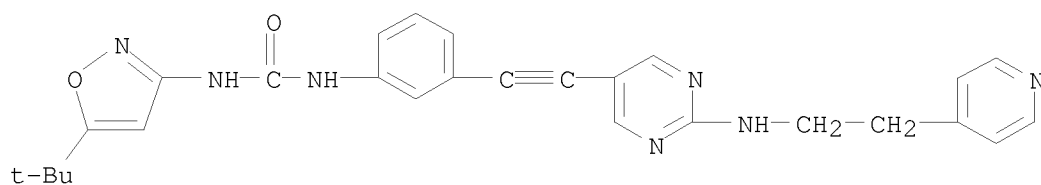
PAGE 1-A



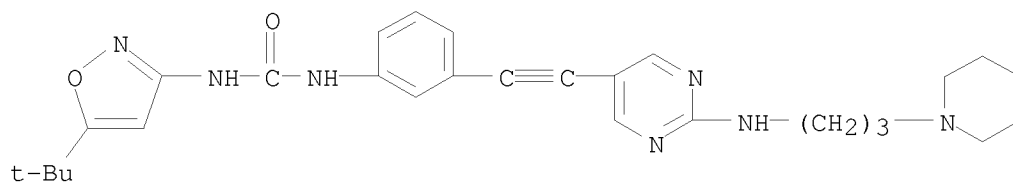
PAGE 1-B

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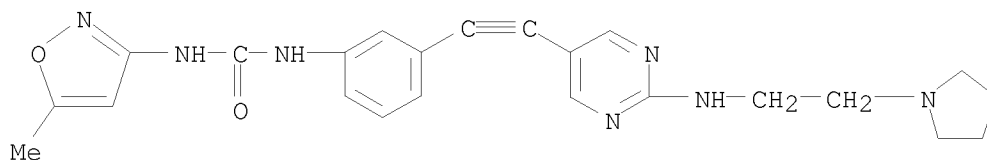
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RN 857265-42-0 CAPLUS  
 CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[3-(1-piperidinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)

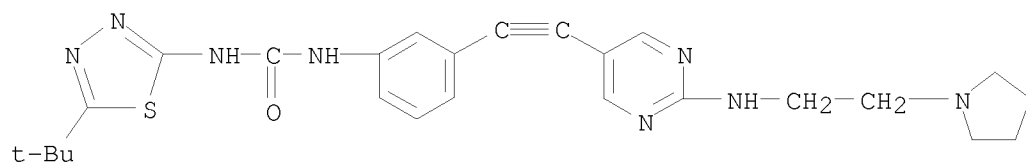


RN 857265-43-1 CAPLUS  
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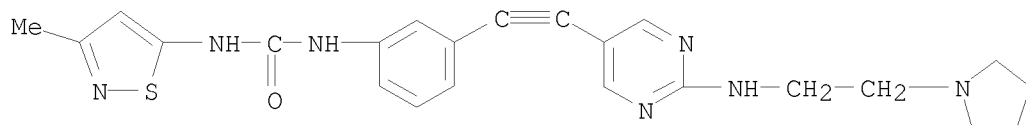
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 CN Urea, N-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]-N'-[3-[2-[2-[[2-(1-pyrrolidinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)





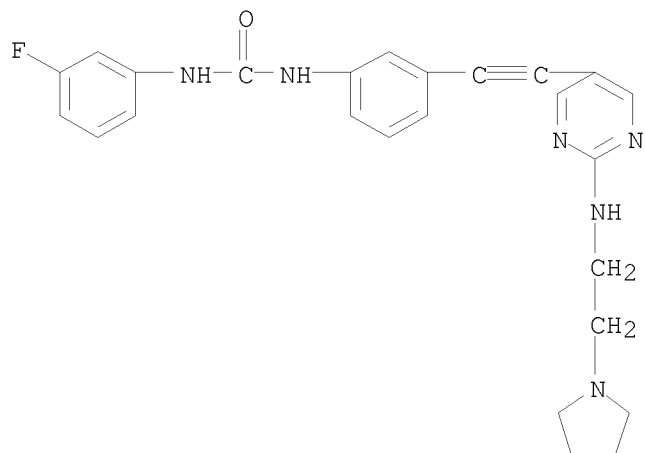
RN 857265-48-6 CAPLUS

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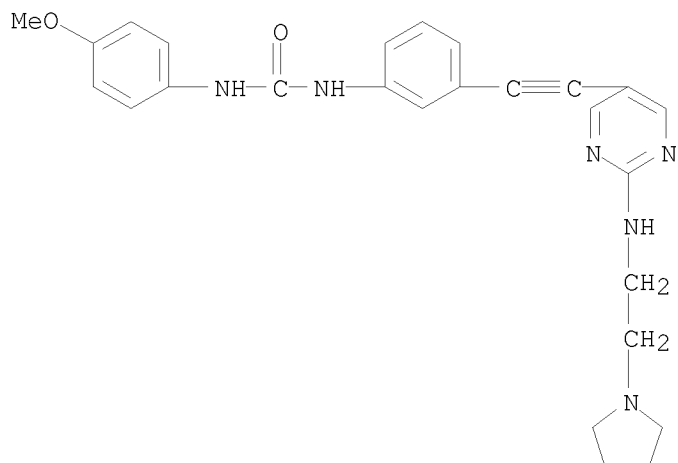
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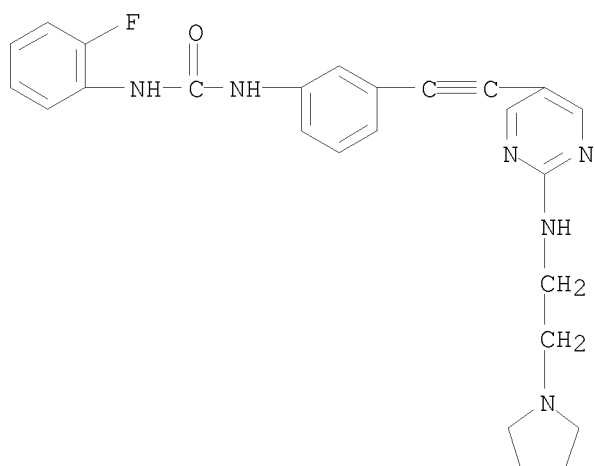
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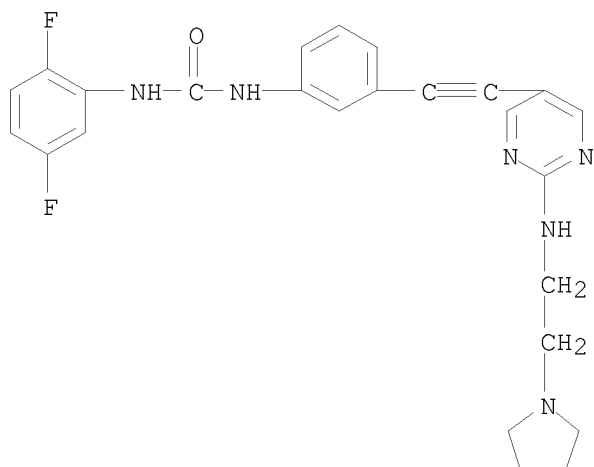
RN 857265-51-1 CAPLUS

CN Urea, N-(2-fluorophenyl)-N'-[3-[2-[2-[[2-(1-pyrrolidinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



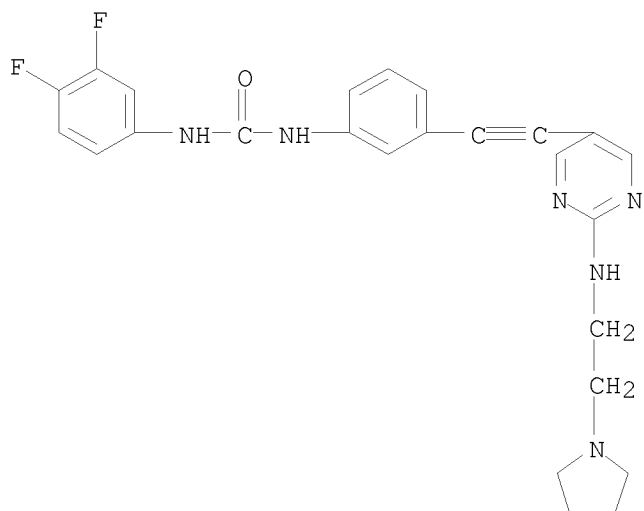
RN 857265-52-2 CAPLUS

CN Urea, N-(2,5-difluorophenyl)-N'-[3-[2-[2-[[2-(1-pyrrolidinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



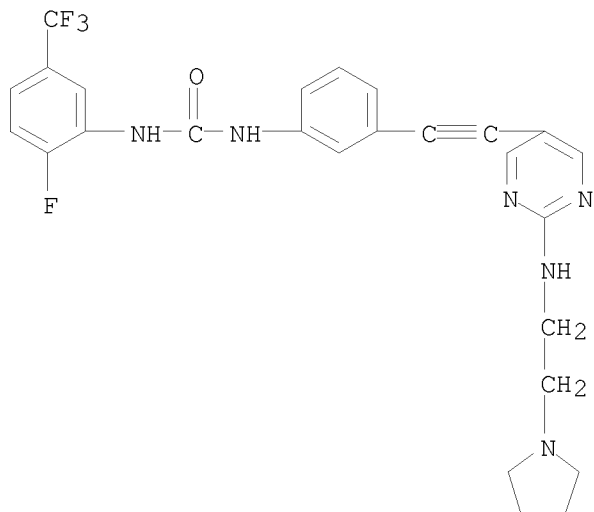
RN 857265-53-3 CAPLUS

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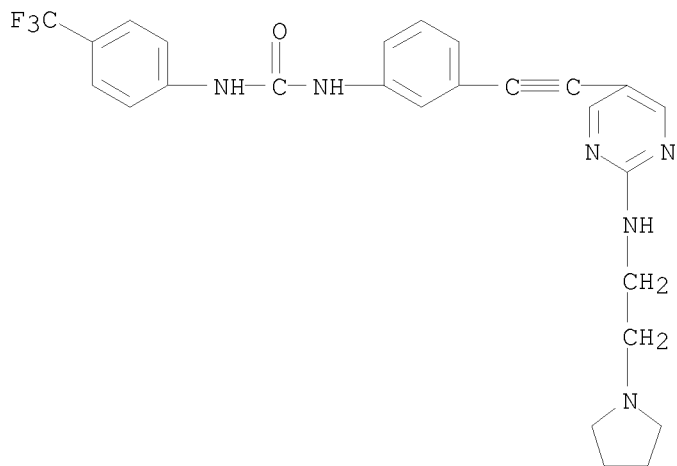


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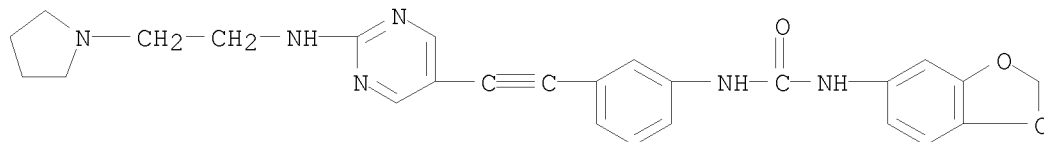
CN Urea, N-[2-fluoro-5-(trifluoromethyl)phenyl]-N'-[3-[2-[2-[[2-(1-pyrrolidinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



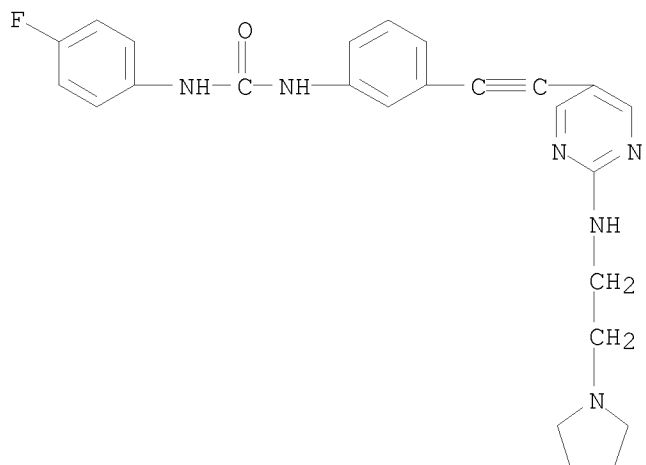
RN 857265-55-5 CAPLUS  
 CN Urea, N-[3-[2-[2-[[2-(1-pyrrolidinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)



RN 857265-56-6 CAPLUS  
 CN Urea, N-1,3-benzodioxol-5-yl-N'-[3-[2-[2-[[2-(1-pyrrolidinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)

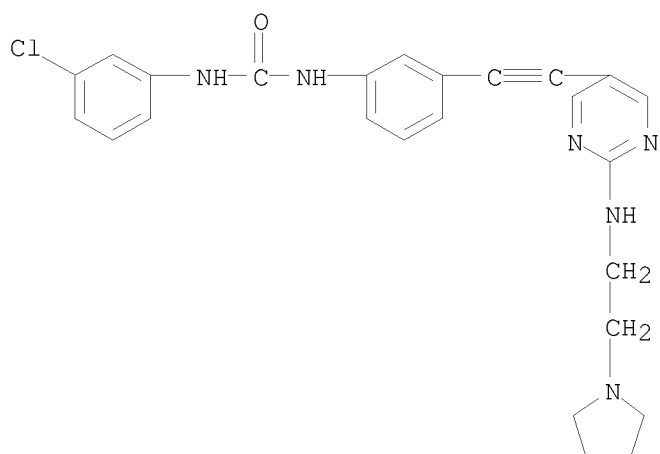


RN 857265-57-7 CAPLUS  
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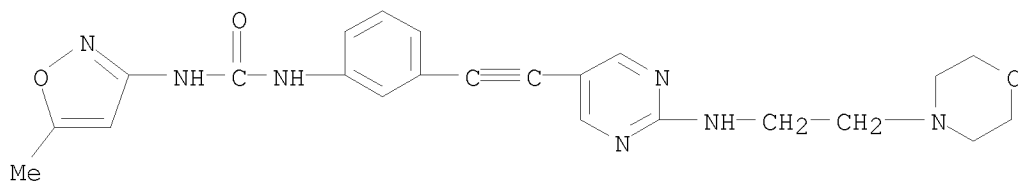
RN 857265-58-8 CAPLUS

CN Urea, N-(3-chlorophenyl)-N'-[3-[2-[2-[[2-(1-pyrrolidinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



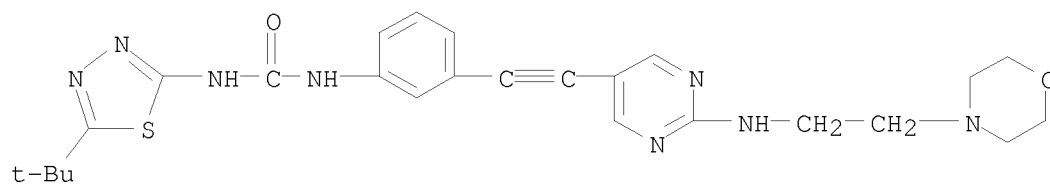
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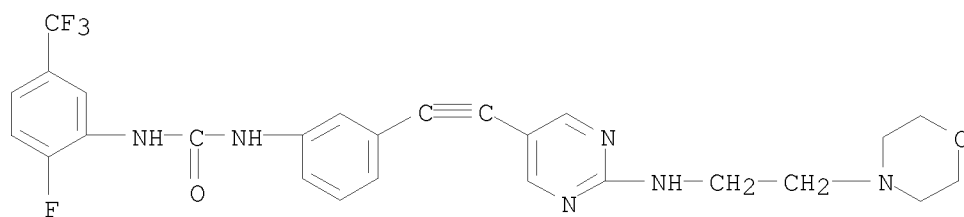
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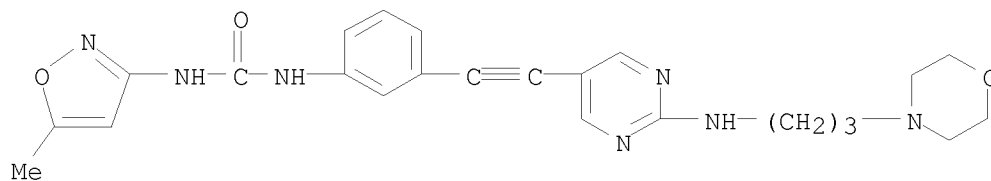
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CN Urea, N-[2-fluoro-5-(trifluoromethyl)phenyl]-N'-[3-[2-[2-[[2-(4-morpholinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



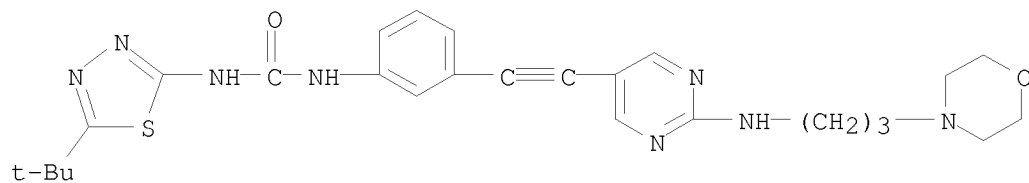
RN 857265-62-4 CAPLUS

CN Urea, N-(5-methyl-3-isoxazolyl)-N'-[3-[2-[2-[[3-(4-morpholinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



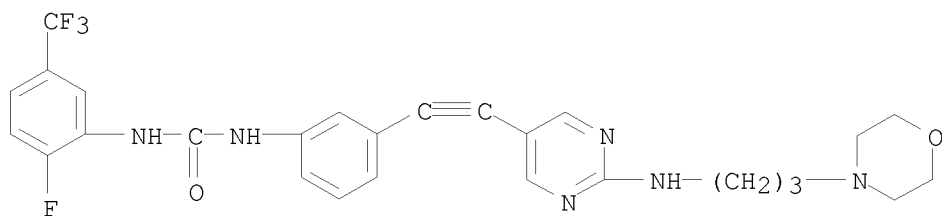
RN 857265-63-5 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]-N'-[3-[2-[2-[[3-(4-morpholinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



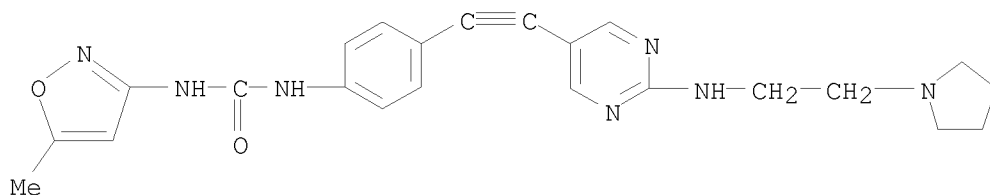
RN 857265-64-6 CAPLUS

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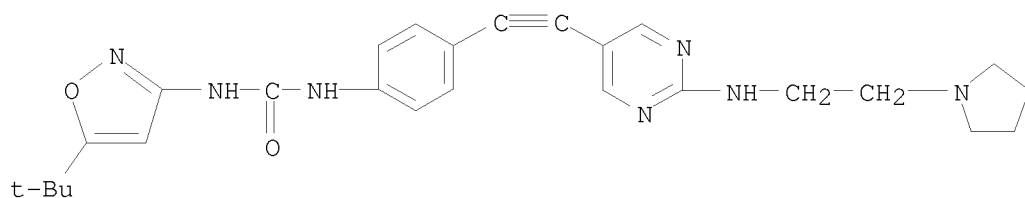
RN 857265-65-7 CAPLUS

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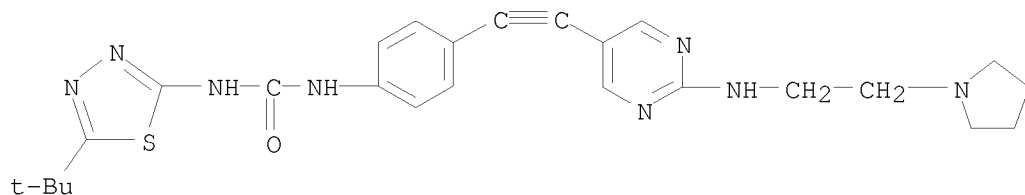
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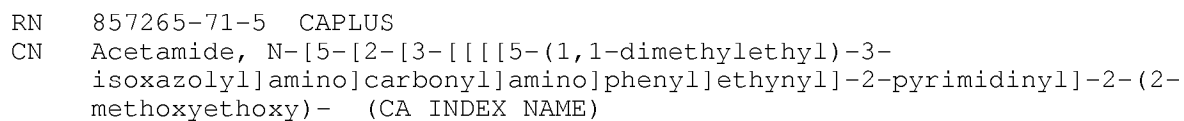
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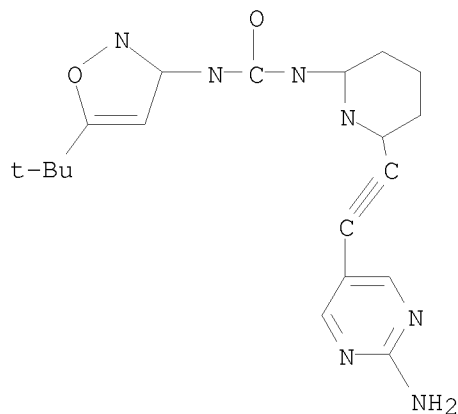
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CN Urea, N-[2-fluoro-5-(trifluoromethyl)phenyl]-N'-[4-[2-[2-[[2-(1-pyrrolidinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)

CC1=CN=C(C=C1)NC(=O)Nc2ccc(cc2)C#Cc3ccnc3NC(=O)COCC
$$-\text{CH}_2-\text{OMe}$$

RN	857265-72-6	CAPLUS
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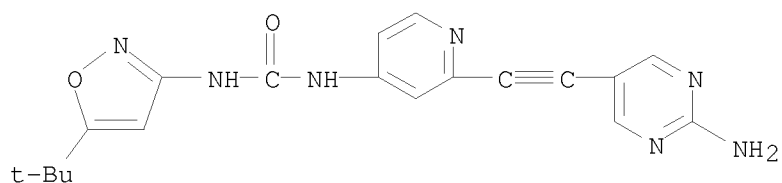




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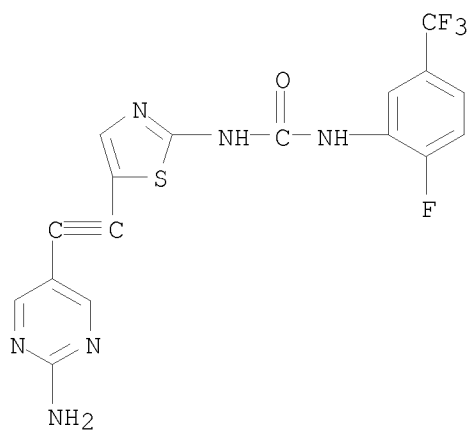
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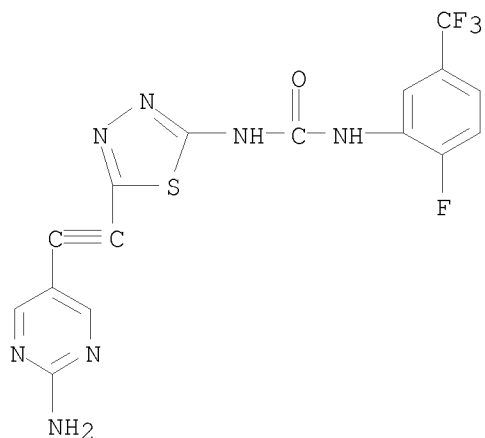
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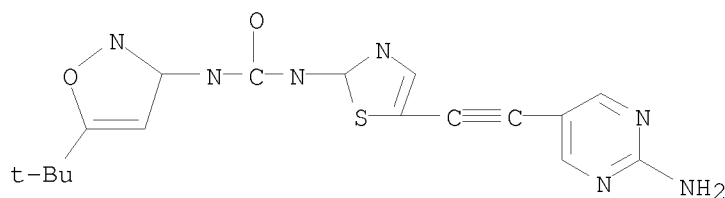
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RN 857265-82-8 CAPLUS

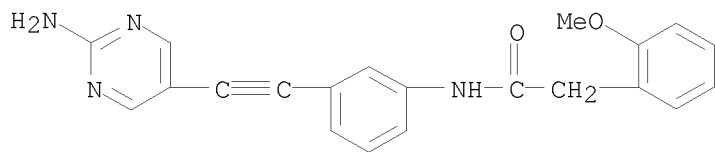
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ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

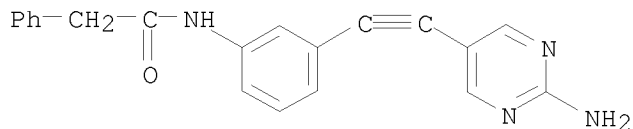
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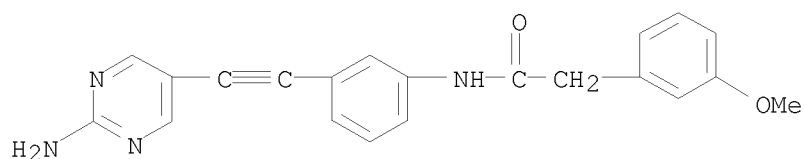
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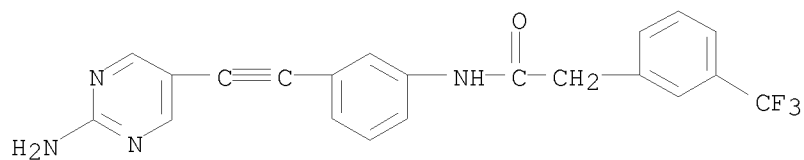
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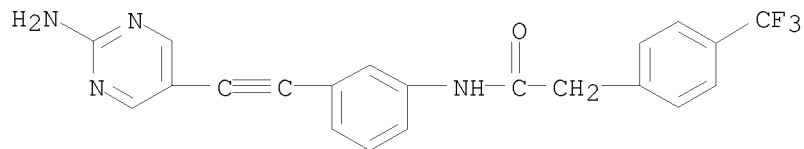
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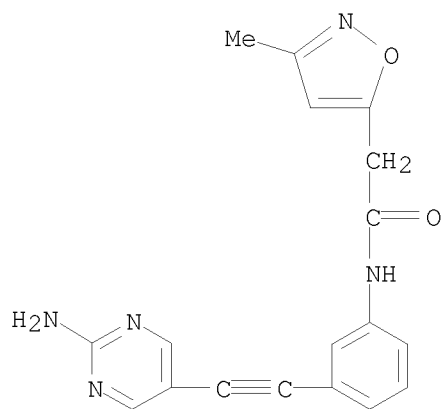
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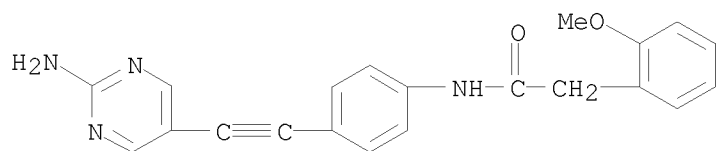
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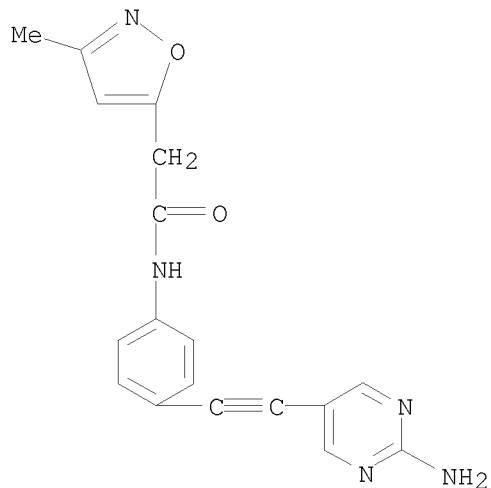
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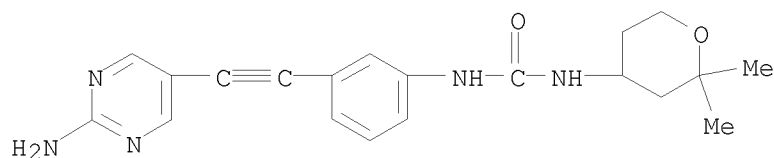
RN 857265-92-0 CAPLUS

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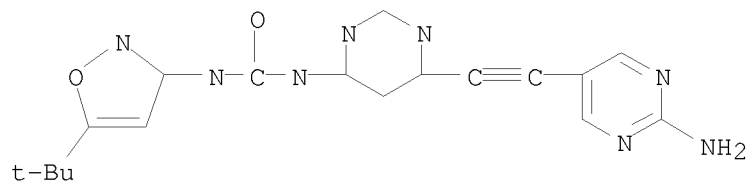
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RN 857265-94-2 CAPLUS

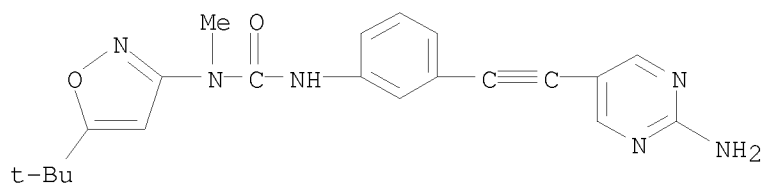
CN Urea, N-[6-[2-(2-amino-5-pyrimidinyl)ethynyl]-4-pyrimidinyl]-N'-(5-(1,1-dimethylethyl)-3-isoxazolyl)- (CA INDEX NAME)



ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

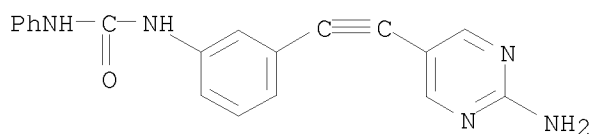
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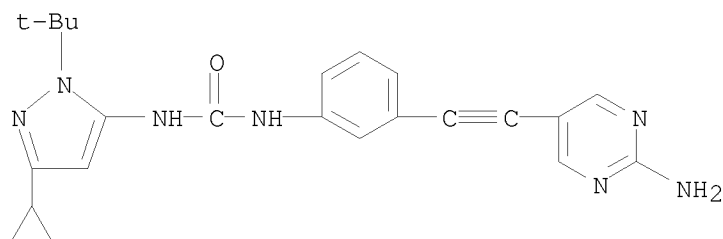
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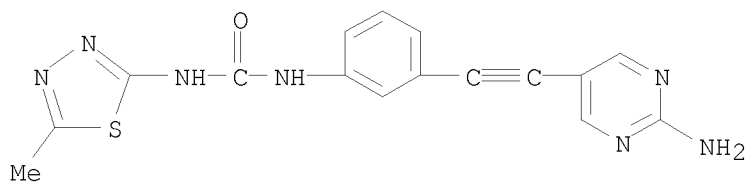
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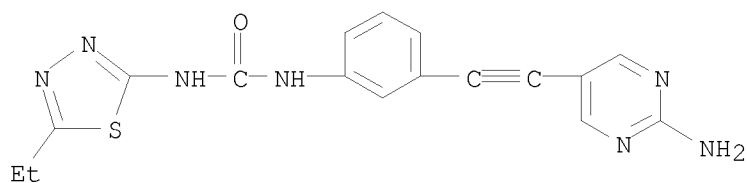
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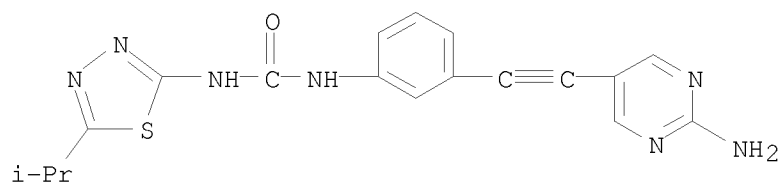
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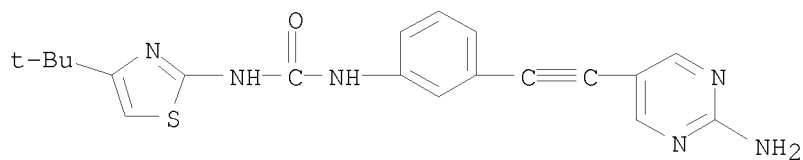
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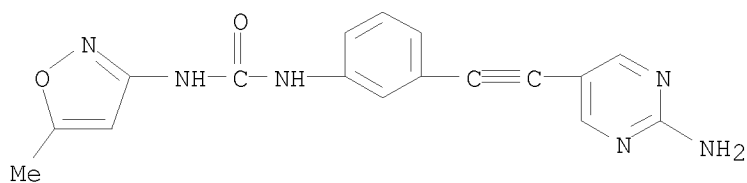
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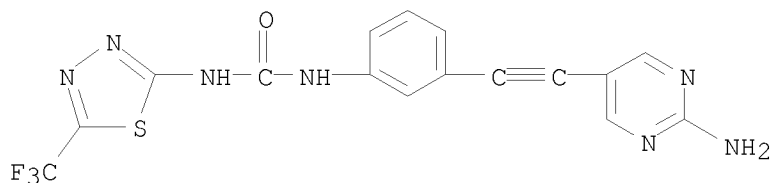
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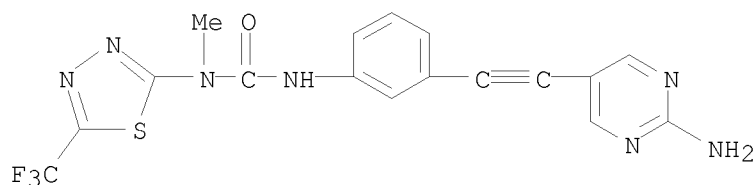
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CN Urea, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-N'-[5-(trifluoromethyl)-1,3,4-thiadiazol-2-yl]- (CA INDEX NAME)



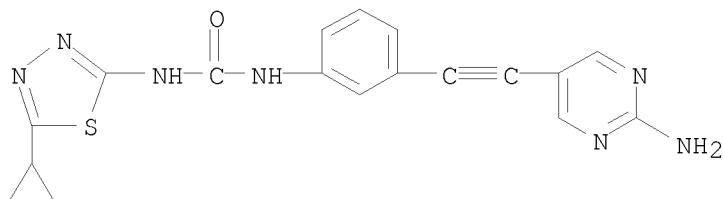
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CN Urea, N'-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-N-methyl-N-[5-(trifluoromethyl)-1,3,4-thiadiazol-2-yl]- (CA INDEX NAME)



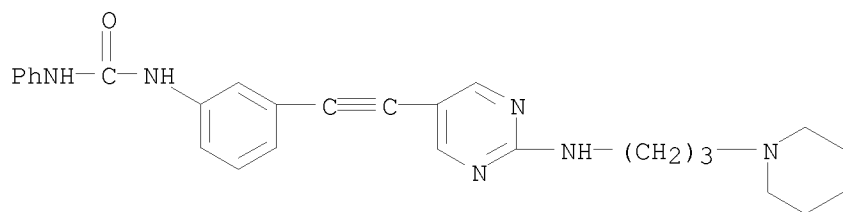
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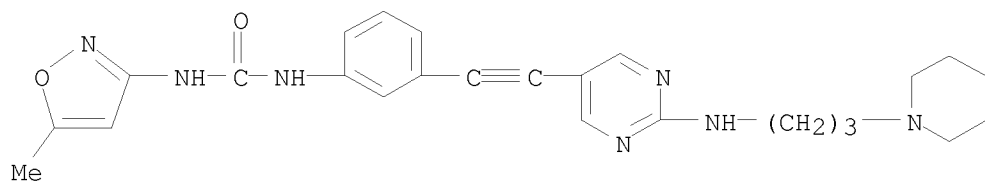
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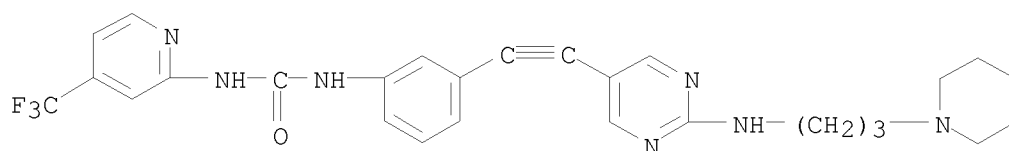
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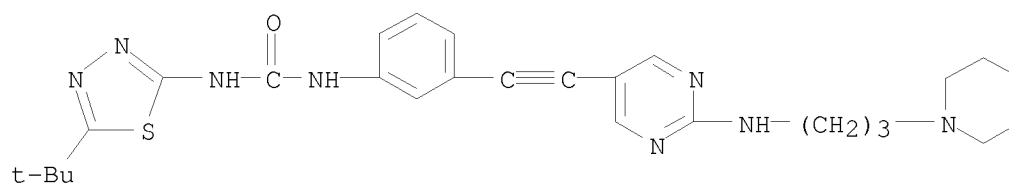
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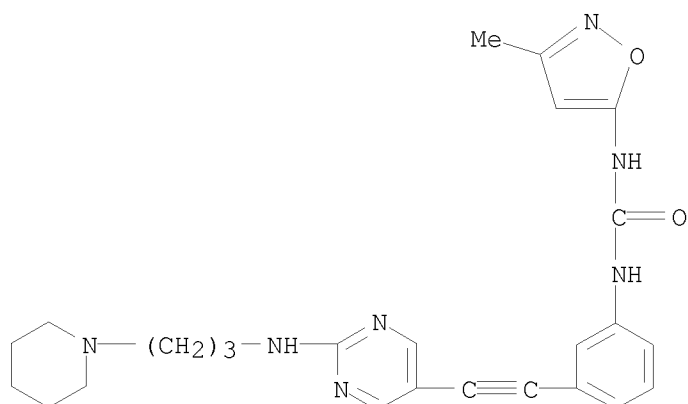
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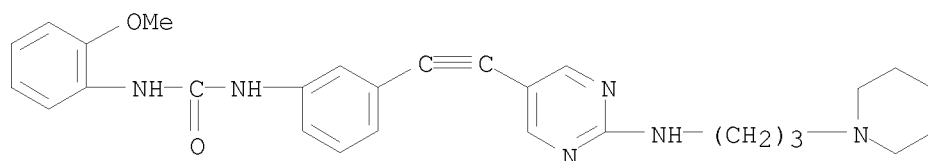
RN 857266-12-7 CAPLUS

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RN 857266-13-8 CAPLUS

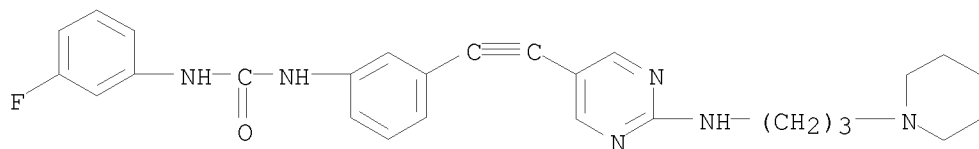
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RN 857266-14-9 CAPLUS

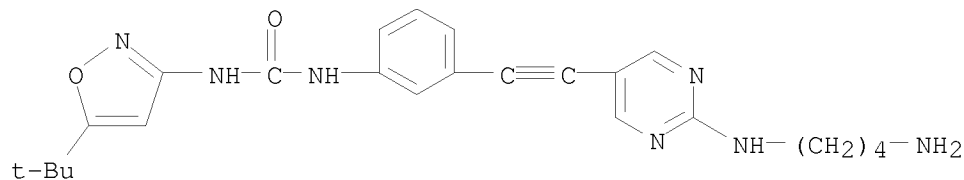
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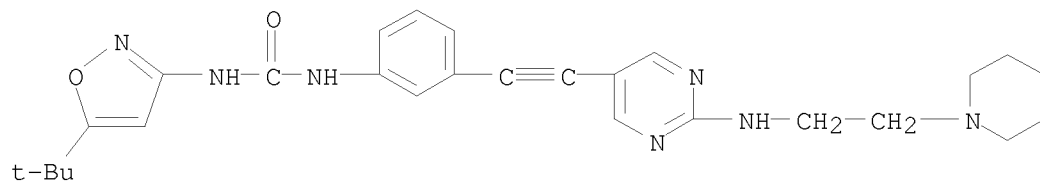
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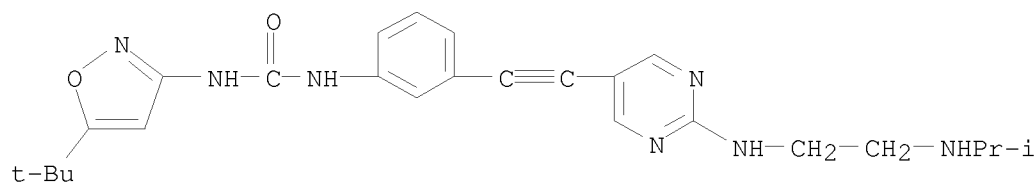
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RN 857266-17-2 CAPLUS

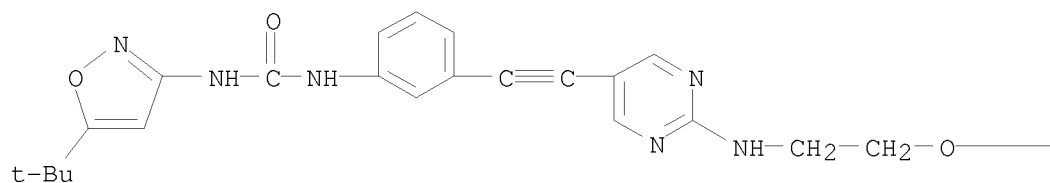
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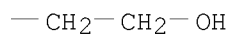


RN 857266-18-3 CAPLUS

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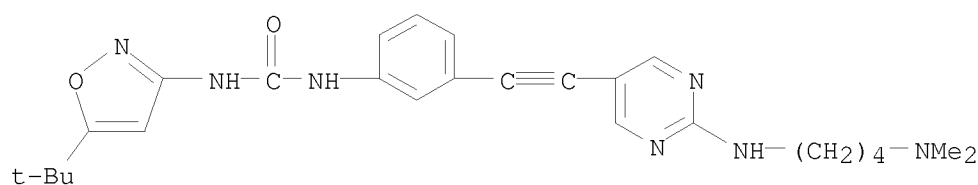
PAGE 1-A





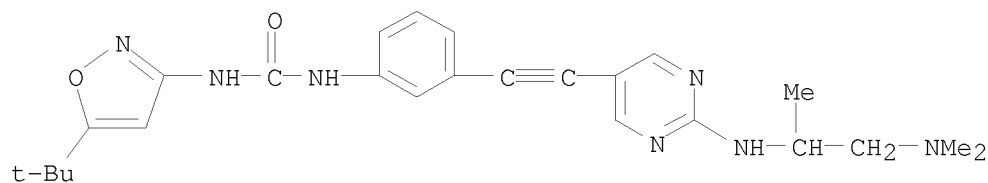
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CN Urea, N-[3-[2-[2-[[4-(dimethylamino)butyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)



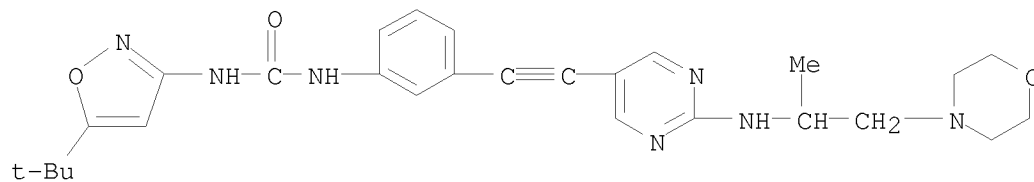
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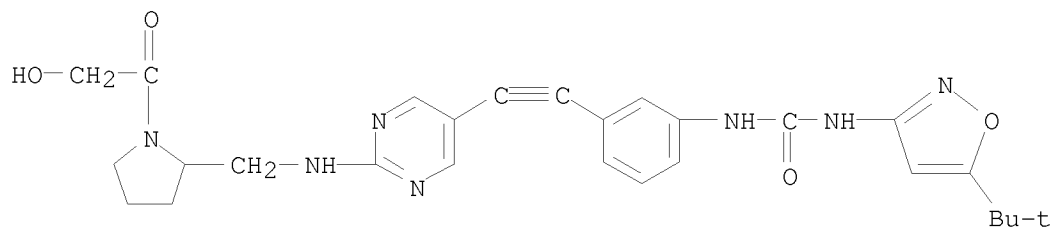
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RN 857266-22-9 CAPLUS

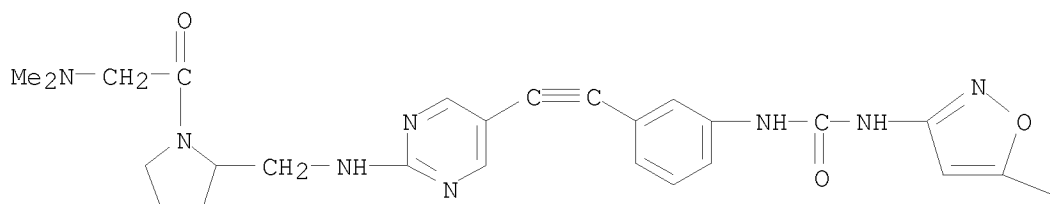
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RN 857266-25-2 CAPLUS

CN Urea, N-[3-[2-[2-[[1-[2-(dimethylamino)acetyl]-2-pyrrolidinyl]methyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)

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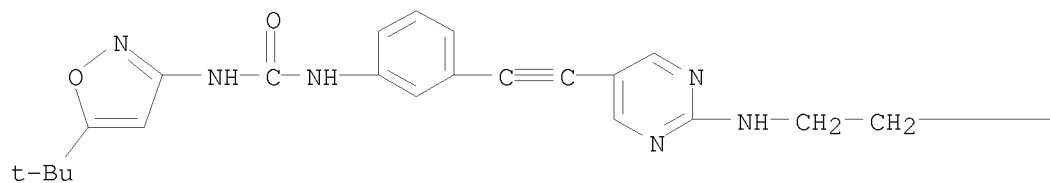
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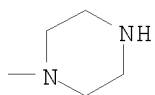
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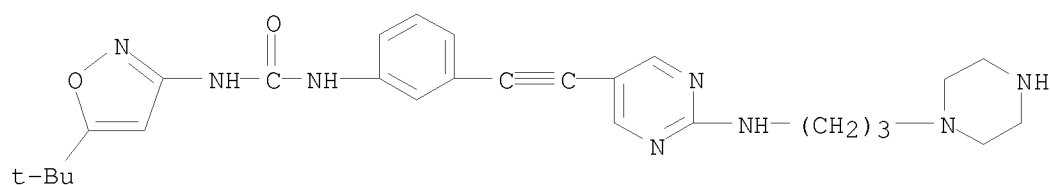
PAGE 1-A





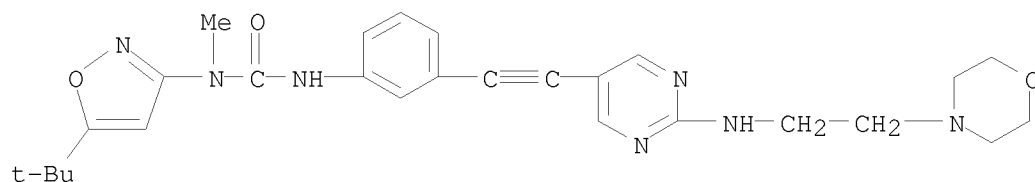
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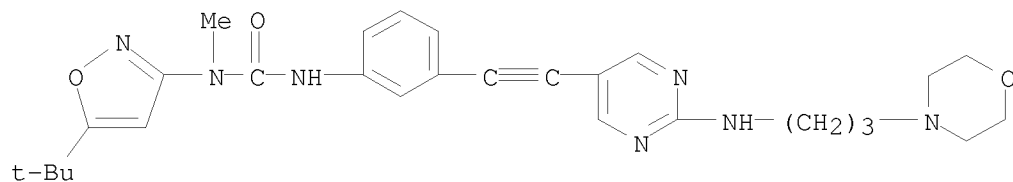
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CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N-methyl-N'-[3-[2-[2-[2-(4-morpholinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



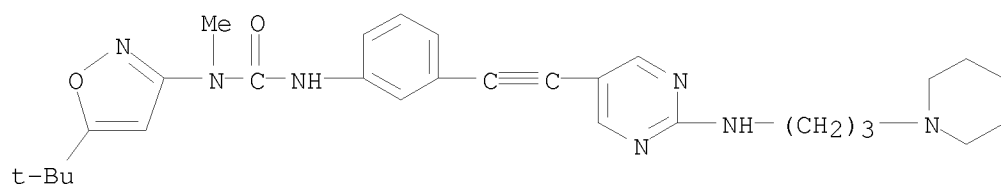
RN 857266-32-1 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N-methyl-N'-[3-[2-[2-[3-(4-morpholinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



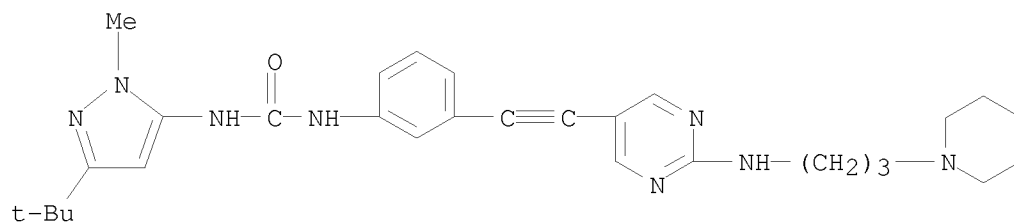
RN 857266-33-2 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N-methyl-N'-[3-[2-[2-[3-(1-piperidinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



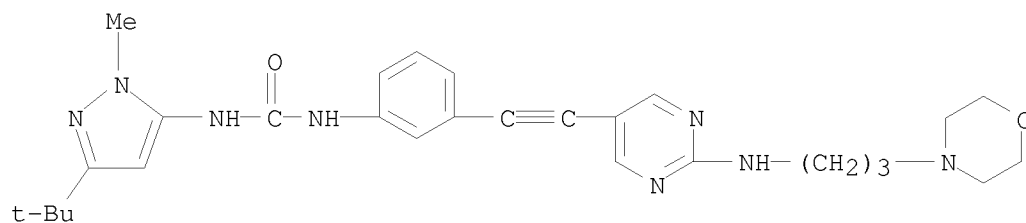
RN 857266-34-3 CAPLUS

CN Urea, N-[3-(1,1-dimethylethyl)-1-methyl-1H-pyrazol-5-yl]-N'-[3-[2-[2-[[3-(1-piperidiny)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



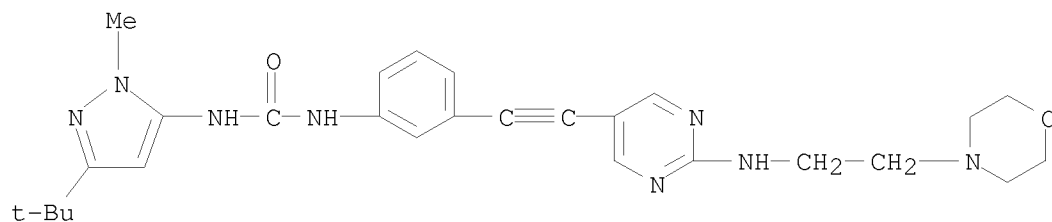
RN 857266-36-5 CAPLUS

CN Urea, N-[3-(1,1-dimethylethyl)-1-methyl-1H-pyrazol-5-yl]-N'-[3-[2-[2-[[3-(4-morpholinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



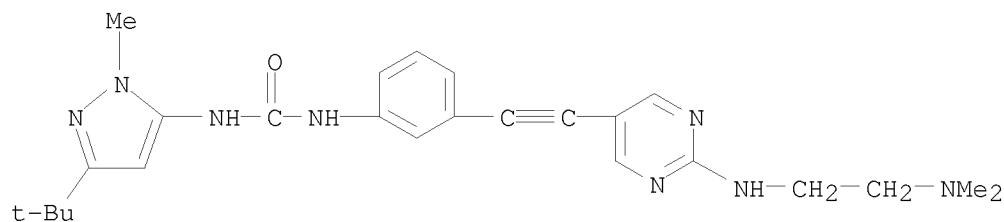
RN 857266-37-6 CAPLUS

CN Urea, N-[3-(1,1-dimethylethyl)-1-methyl-1H-pyrazol-5-yl]-N'-[3-[2-[2-[[2-(4-morpholinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



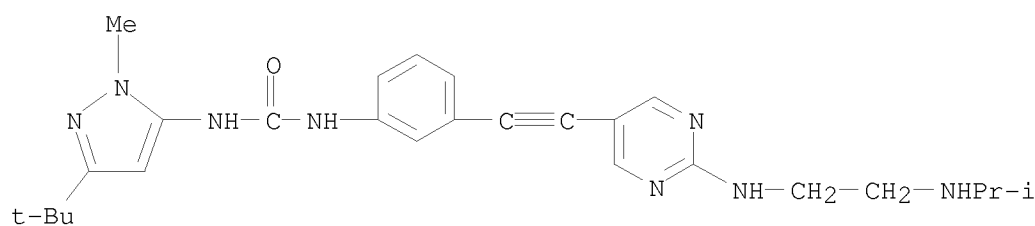
RN 857266-38-7 CAPLUS

CN Urea, N-[3-[2-[2-[[2-(dimethylamino)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[3-(1,1-dimethylethyl)-1-methyl-1H-pyrazol-5-yl]- (CA INDEX NAME)



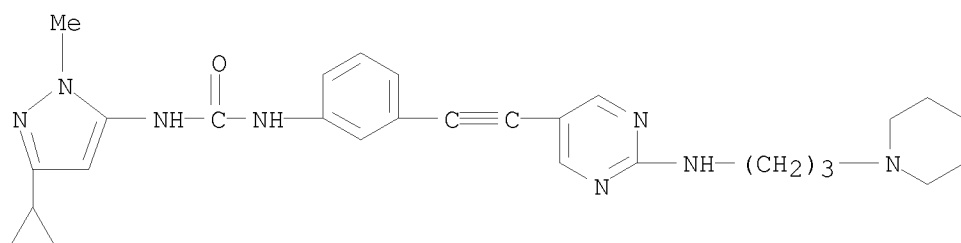
RN 857266-39-8 CAPLUS

CN Urea, N-[3-(1,1-dimethylethyl)-1-methyl-1H-pyrazol-5-yl]-N'-[3-[2-[2-[[2-[(1-methylethyl)amino]ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



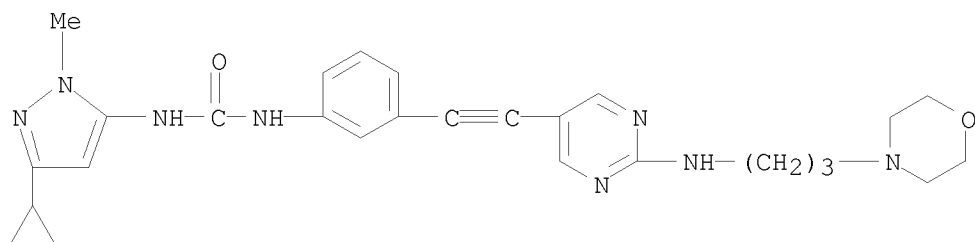
RN 857266-40-1 CAPLUS

CN Urea, N-(3-cyclopropyl-1-methyl-1H-pyrazol-5-yl)-N'-[3-[2-[2-[[3-(1-piperidinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



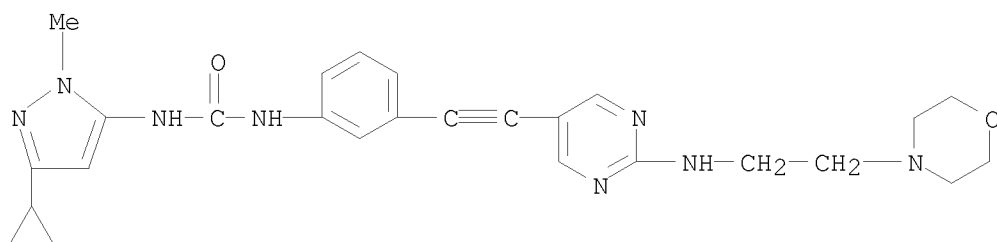
RN 857266-42-3 CAPLUS

CN Urea, N-(3-cyclopropyl-1-methyl-1H-pyrazol-5-yl)-N'-[3-[2-[2-[[3-(4-morpholinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



RN 857266-43-4 CAPLUS

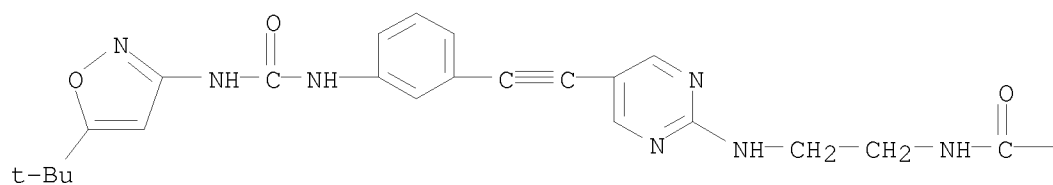
CN Urea, N-(3-cyclopropyl-1-methyl-1H-pyrazol-5-yl)-N'-[3-[2-[2-[[2-(4-morpholinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



RN 857266-44-5 CAPLUS

CN Acetamide, N-[2-[[5-[2-[3-[[[5-(1,1-dimethylethyl)-3-isoxazolyl]amino]carbonyl]amino]phenyl]ethynyl]-2-pyrimidinyl]amino]ethyl]-2-hydroxy- (CA INDEX NAME)

PAGE 1-A



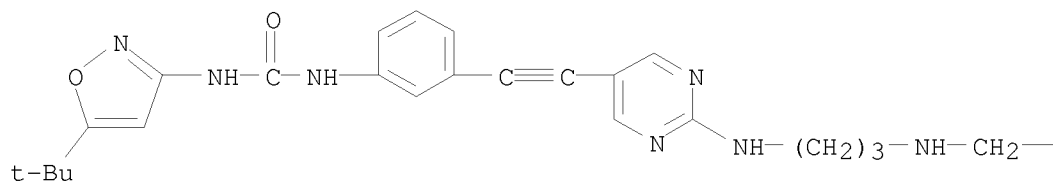
PAGE 1-B

—CH<sub>2</sub>—OH

RN 857266-45-6 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[[3-[(2-hydroxyethyl)amino]propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)

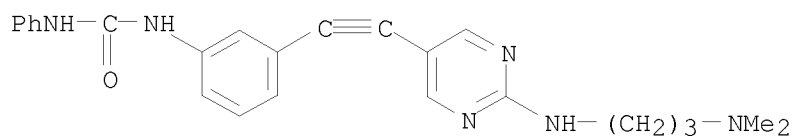
PAGE 1-A



—CH<sub>2</sub>—OH

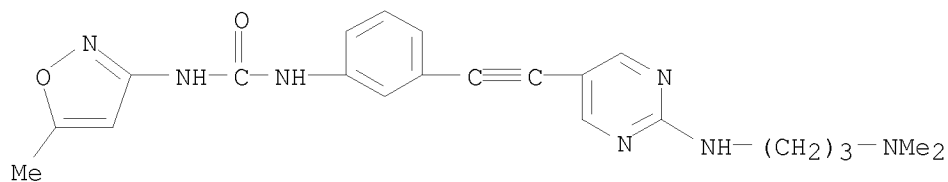
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CN Urea, N-[3-[2-[2-[3-(dimethylamino)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-phenyl- (CA INDEX NAME)



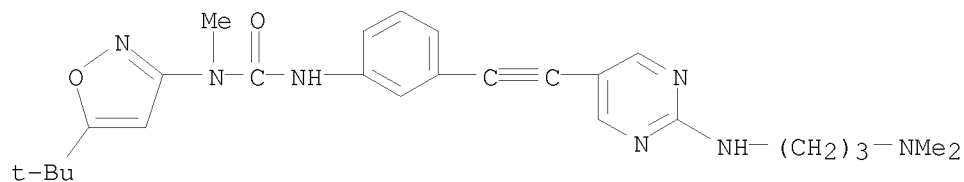
RN 857266-49-0 CAPLUS

CN Urea, N-[3-[2-[2-[3-(dimethylamino)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-(5-methyl-3-isoxazolyl)- (CA INDEX NAME)



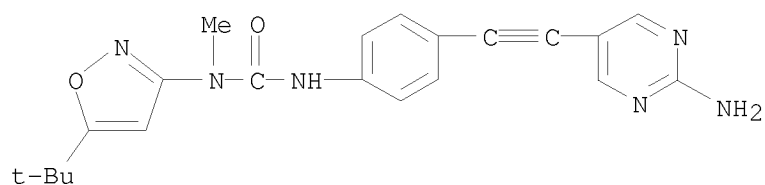
RN 857266-50-3 CAPLUS

CN Urea, N'-[3-[2-[2-[3-(dimethylamino)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N-methyl- (CA INDEX NAME)



RN 857266-51-4 CAPLUS

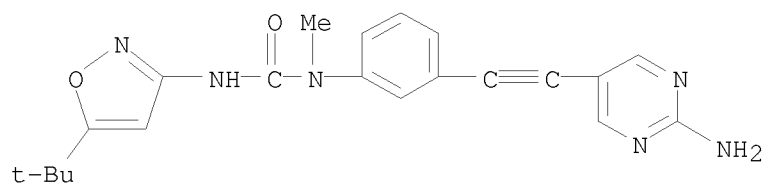
CN Urea, N'-[4-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N-methyl- (CA INDEX NAME)





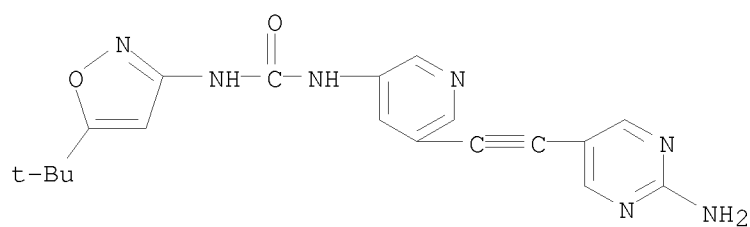
RN 857266-53-6 CAPLUS

CN Urea, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N-methyl- (CA INDEX NAME)



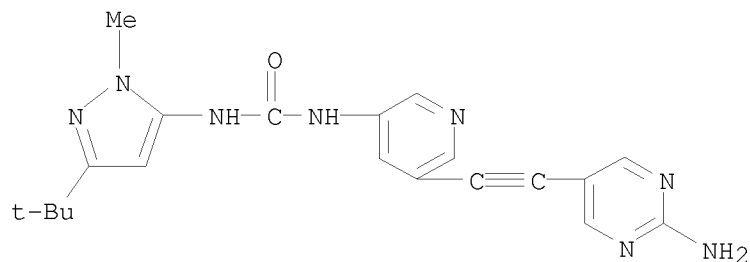
RN 857266-57-0 CAPLUS

CN Urea, N-[5-[2-(2-amino-5-pyrimidinyl)ethynyl]-3-pyridinyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)



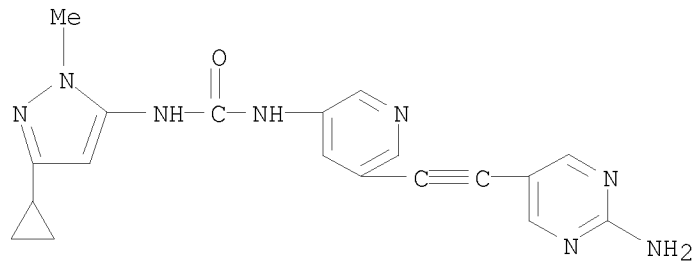
RN 857266-61-6 CAPLUS

CN Urea, N-[5-[2-(2-amino-5-pyrimidinyl)ethynyl]-3-pyridinyl]-N'-[3-(1,1-dimethylethyl)-1-methyl-1H-pyrazol-5-yl]- (CA INDEX NAME)



RN 857266-63-8 CAPLUS

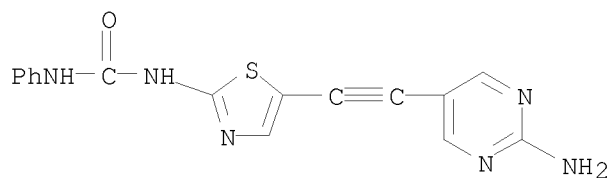
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RN 857266-64-9 CAPLUS

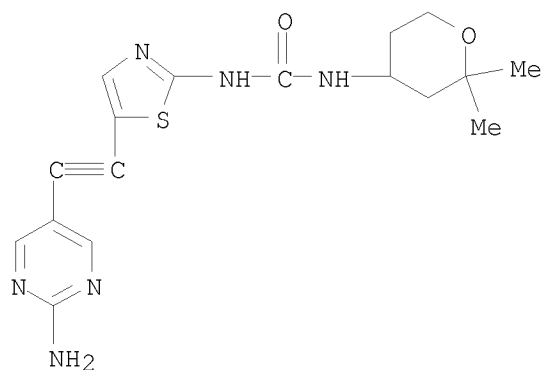
CN Urea, N-[5-[2-(2-amino-5-pyrimidinyl)ethynyl]-2-thiazolyl]-N'-phenyl- (CA

INDEX NAME)



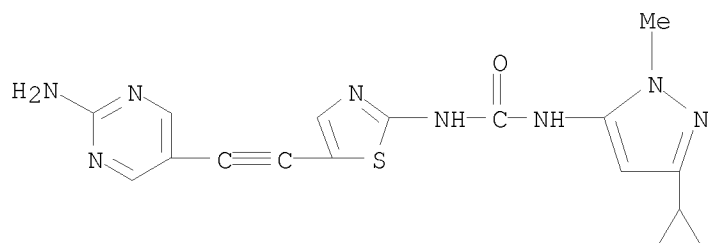
RN 857266-65-0 CAPLUS

CN Urea, N-[5-[2-(2-amino-5-pyrimidinyl)ethynyl]-2-thiazolyl]-N'-(tetrahydro-2,2-dimethyl-2H-pyran-4-yl)- (CA INDEX NAME)



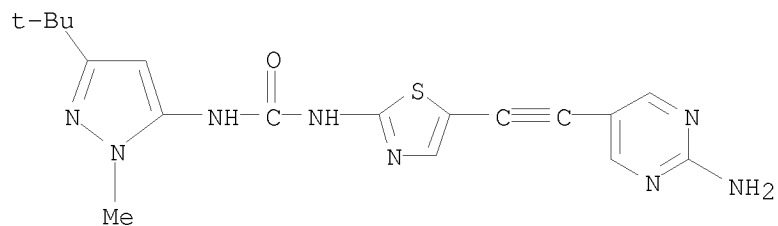
RN 857266-67-2 CAPLUS

CN Urea, N-[5-[2-(2-amino-5-pyrimidinyl)ethynyl]-2-thiazolyl]-N'-(3-cyclopropyl-1-methyl-1H-pyrazol-5-yl)- (CA INDEX NAME)

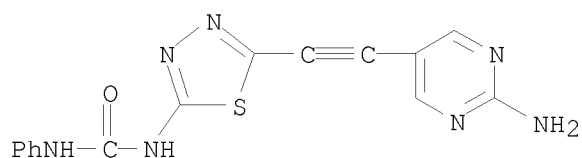


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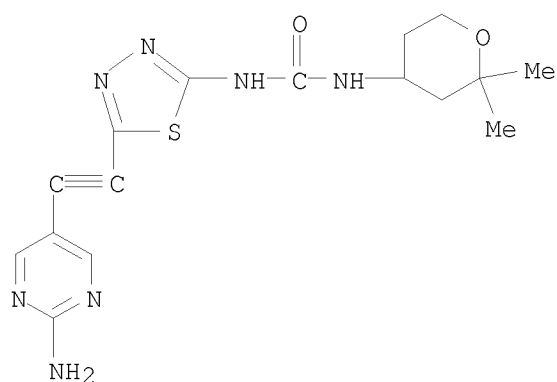
CN Urea, N-[5-[2-(2-amino-5-pyrimidinyl)ethynyl]-2-thiazolyl]-N'-(3-(1,1-dimethylethyl)-1-methyl-1H-pyrazol-5-yl)- (CA INDEX NAME)



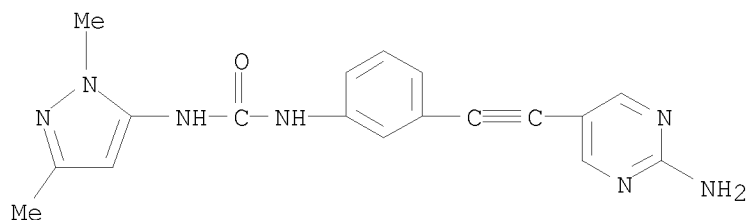
RN 857266-74-1 CAPLUS  
 CN Urea, N-[5-[2-(2-amino-5-pyrimidinyl)ethynyl]-1,3,4-thiadiazol-2-yl]-N'-phenyl- (CA INDEX NAME)



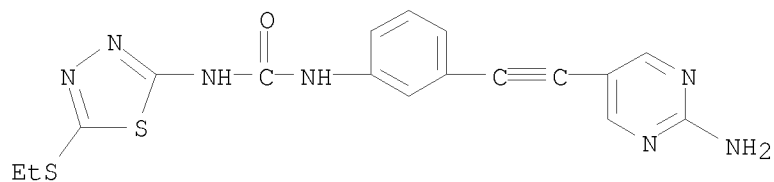
RN 857266-78-5 CAPLUS  
 CN Urea, N-[5-[2-(2-amino-5-pyrimidinyl)ethynyl]-1,3,4-thiadiazol-2-yl]-N'-(tetrahydro-2,2-dimethyl-2H-pyran-4-yl)- (CA INDEX NAME)



RN 857266-82-1 CAPLUS  
 CN Urea, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-N'-(1,3-dimethyl-1H-pyrazol-5-yl)- (CA INDEX NAME)

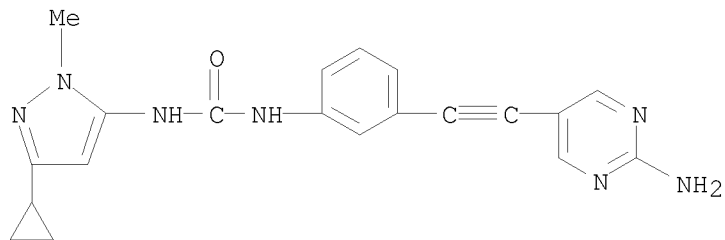


RN 857266-84-3 CAPLUS  
 CN Urea, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-N'-[5-(ethylthio)-1,3,4-thiadiazol-2-yl]- (CA INDEX NAME)



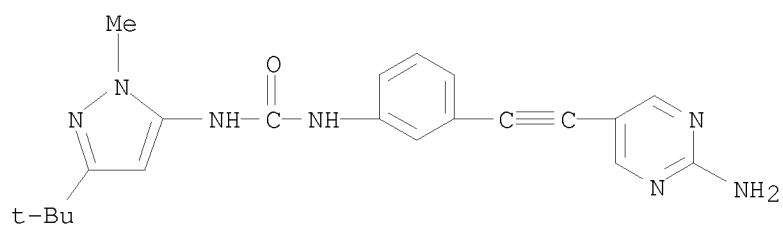
RN 857266-86-5 CAPLUS

CN Urea, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-N'-(3-cyclopropyl-1-methyl-1H-pyrazol-5-yl)- (CA INDEX NAME)



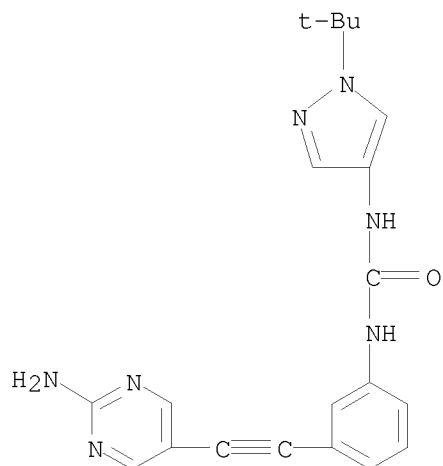
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CN Urea, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-N'-[3-(1,1-dimethylethyl)-1-methyl-1H-pyrazol-5-yl]- (CA INDEX NAME)



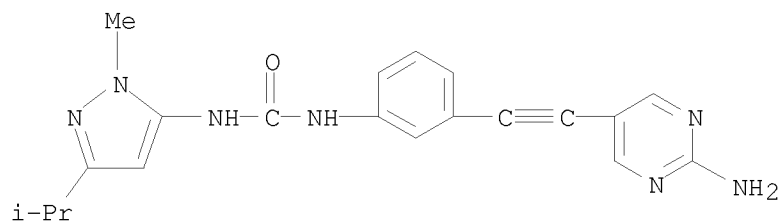
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CN Urea, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-N'-[1-(1,1-dimethylethyl)-1H-pyrazol-4-yl]- (CA INDEX NAME)



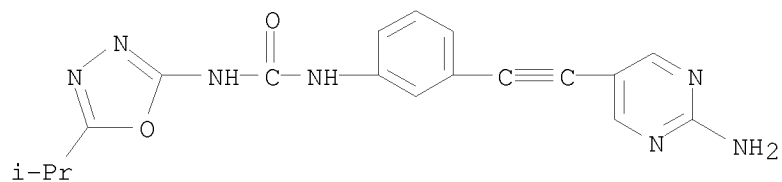
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CN Urea, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-N'-[1-methyl-3-(1-methylethyl)-1H-pyrazol-5-yl]- (CA INDEX NAME)



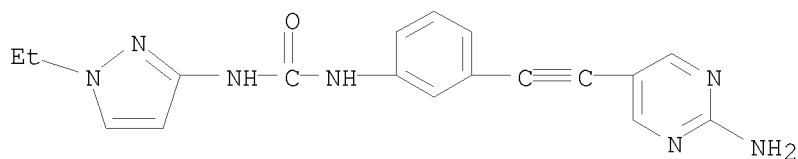
RN 857266-96-7 CAPLUS

CN Urea, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-N'-(5-(1-methylethyl)-1,3,4-oxadiazol-2-yl)- (CA INDEX NAME)



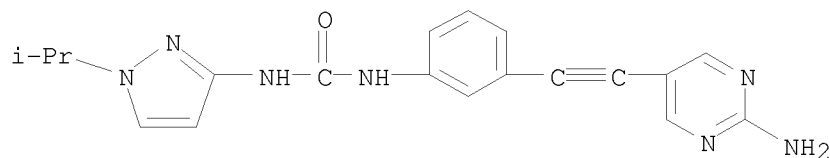
RN 857266-99-0 CAPLUS

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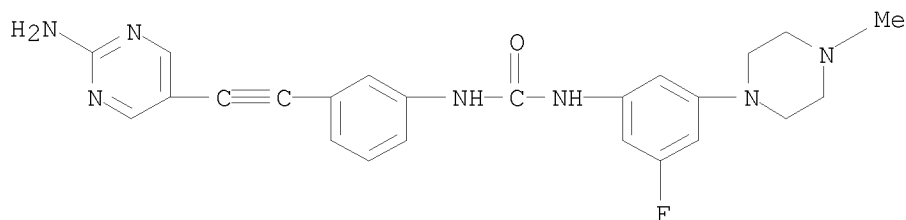
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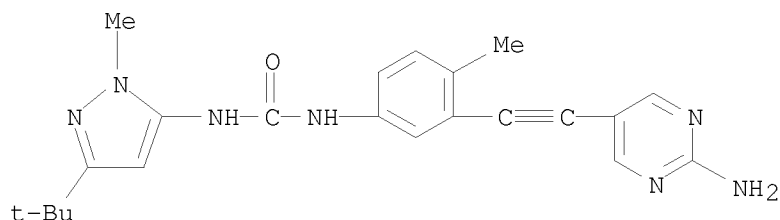
RN 857267-06-2 CAPLUS

CN Urea, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]phenyl]-N'-(3-fluoro-5-(4-methyl-1-piperazinyl)phenyl)- (CA INDEX NAME)



RN 857267-09-5 CAPLUS

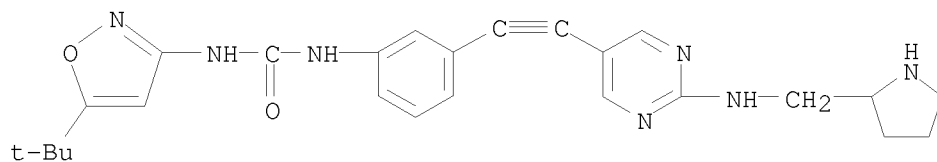
CN Urea, N-[3-[2-(2-amino-5-pyrimidinyl)ethynyl]-4-methylphenyl]-N'-[3-(1,1-dimethylethyl)-1-methyl-1H-pyrazol-5-yl]- (CA INDEX NAME)



IT 857266-23-0P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[pyrrolidin-2-yl)methyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea  
 857266-24-1P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[2-[[1-(tert-butoxycarbonyl)pyrrolidin-2-yl)methyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857266-52-5P, Phenyl  
 [4-[(2-aminopyrimidin-5-yl)ethynyl]phenyl]carbamate  
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
 (preparation of pyrimidine derivs. as inhibitors of Tie2 receptor tyrosine kinases)

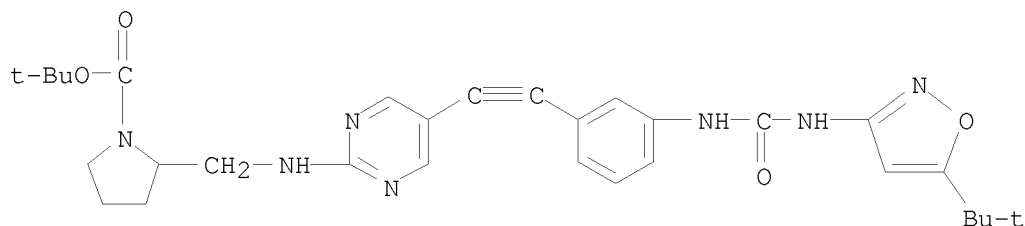
RN 857266-23-0 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[2-[(2-pyrrolidinylmethyl)amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)

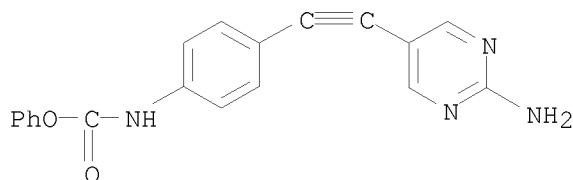


RN 857266-24-1 CAPLUS

CN 1-Pyrrolidinecarboxylic acid, 2-[[[5-[2-[3-[[[5-(1,1-dimethylethyl)-3-isoxazolyl]amino]carbonyl]amino]phenyl]ethynyl]-2-pyrimidinyl]amino]methyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)



RN 857266-52-5 CAPLUS  
 CN Carbamic acid, [4-[(2-amino-5-pyrimidinyl)ethynyl]phenyl]-, phenyl ester  
 (9CI) (CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2009 ACS on STN

ACCESSION NUMBER: 2005:588667 CAPLUS

DOCUMENT NUMBER: 143:115556

TITLE: Preparation of 4-aminopyrimidine derivatives as inhibitors of Tie2 receptor tyrosine kinases

INVENTOR(S): Jones, Clifford David; Luke, Richard William Arthur; McCoull, William

PATENT ASSIGNEE(S): Astrazeneca AB, Swed.; Astrazeneca UK Limited

SOURCE: PCT Int. Appl., 129 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

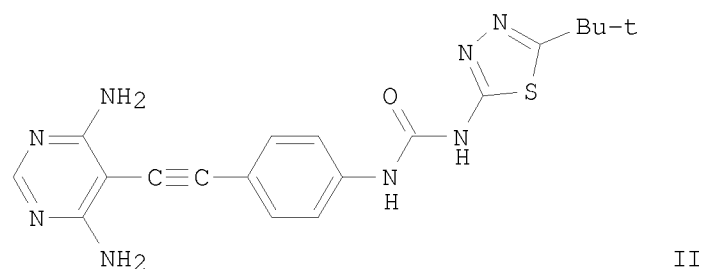
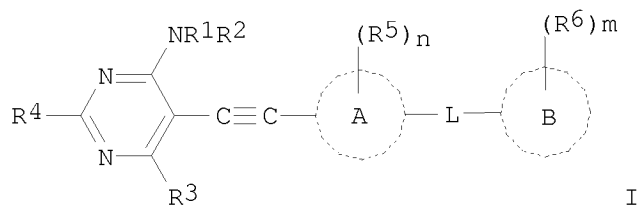
PATENT INFORMATION:

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WO 2005060969	A1	20050707	WO 2004-GB5332	20041220
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RW:	BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
EP 1737462	A1	20070103	EP 2004-806134	20041220
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CN 1917880	A	20070221	CN 2004-80041936	20041220
JP 2007517006	T	20070628	JP 2006-546305	20041220

AT 402705	T	20080815	AT 2004-806134	20041220
ES 2309591	T3	20081216	ES 2004-806134	20041220
US 20080027076	A1	20080131	US 2006-596740	20060622
IN 2006MN00847	A	20070420	IN 2006-MN847	20060717
HK 1102045	A1	20081031	HK 2007-106766	20070625
PRIORITY APPLN. INFO.:			GB 2003-30001	A 20031224
			GB 2004-16850	A 20040729
			WO 2004-GB5332	W 20041220

OTHER SOURCE(S): CASREACT 143:115556; MARPAT 143:115556

GI



AB Title compds. I [wherein R1, R2 = H, alkyl, alkanoyl; R3, R4 = H, alkyl, alkoxy; R5 = cyclopropyl, halo, cyano; m, n = 0-3; R6 = halo, oxo, cyano; etc., or salts thereof] were prepared as inhibitors of Tie2 receptor tyrosine kinases. Processes for the synthesis of I and some intermediates involved are claimed. For example, urea II was synthesized in 21% yield by condensation of the corresponding aniline with Ph thiadiazolylcarbamate in the presence of Et3N in THF under microwave irradiation. This urea showed inhibition against Tie2 receptor tyrosine kinase in vitro and inhibition of autophosphorylation of Tie2 receptor tyrosine kinase with IC50 values of 0.879  $\mu$ M and 5.557  $\mu$ M, resp. Therefore, I and their pharmaceutical compns. have potential use in the production of an anti-angiogenic effect in a warm-blooded animal.

IT 857287-13-9P, Phenyl [3-[(4,6-diaminopyrimidin-5-yl)ethynyl]phenyl]carbamate 857287-53-7P, N-(3-tert-Butyl-1-methyl-1H-pyrazol-5-yl)-N'-[3-[[4-[[2-(morpholin-4-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea

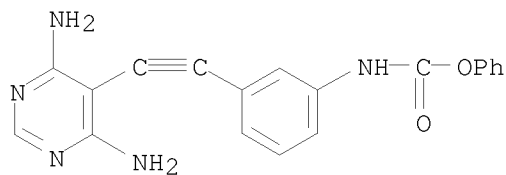
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(inhibitor; preparation of aminopyrimidine derivs. as inhibitors of Tie2 receptor tyrosine kinases)

RN 857287-13-9 CAPLUS

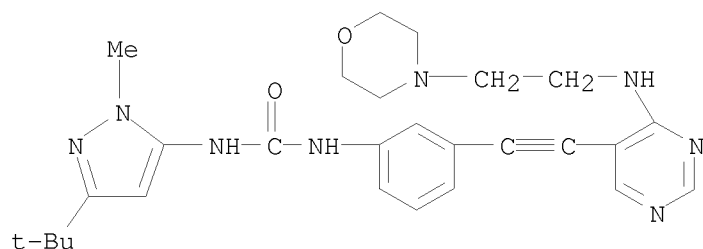
CN Carbamic acid, [3-[(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-, phenyl ester (9CI) (CA INDEX NAME)





RN 857287-53-7 CAPLUS

CN Urea, N-[3-(1,1-dimethylethyl)-1-methyl-1H-pyrazol-5-yl]-N'-[3-[2-[4-[[2-(4-morpholinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



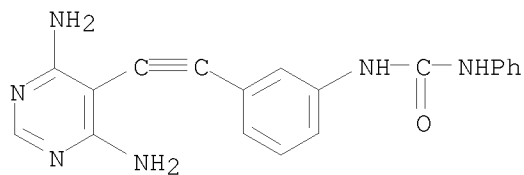
IT 857287-02-6P, N-[3-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-N'-phenylurea 857287-04-8P, 2-Phenyl-N-[3-[(4,6-diaminopyrimidin-5-yl)ethynyl]phenyl]acetamide 857287-05-9P, N-[3-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-N'-(3,4-dichlorophenyl)urea 857287-06-0P, N-[3-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-N'-(2-(trifluoromethyl)phenyl)urea 857287-07-1P, N-[3-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-N'-(3-(trifluoromethyl)phenyl)urea 857287-08-2P, N-[3-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-N'-(4-(trifluoromethyl)phenyl)urea 857287-09-3P, N-[4-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-N'-(2-fluoro-5-(trifluoromethyl)phenyl)urea 857287-10-6P, N-[3-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-N'-(3-methoxyphenyl)urea 857287-11-7P, Phenyl [4-[(4,6-diaminopyrimidin-5-yl)ethynyl]phenyl]carbamate 857287-14-0P, N-(5-tert-Butyl-1,3,4-thiadiazol-2-yl)-N'-[4-[(4,6-diaminopyrimidin-5-yl)ethynyl]phenyl]urea 857287-15-1P, N-[4-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-N'-(3-methylisothiazol-5-yl)urea 857287-16-2P, N-[4-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-N'-(3-methylisoxazol-5-yl)urea 857287-17-3P, N-[4-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-N'-(4-(trifluoromethyl)pyridin-2-yl)urea 857287-18-4P, N-[3-[[[4-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]amino]carbonyl]amino]phenyl]acetamide 857287-19-5P, N-[3-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-N'-(3-methylisothiazol-5-yl)urea 857287-20-8P, N-[3-[[[3-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]amino]carbonyl]amino]phenyl]acetamide 857287-21-9P, N-[3-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-N'-(4-(trifluoromethyl)pyridin-2-yl)urea 857287-22-0P, N-[3-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-N'-(3-methylisoxazol-5-yl)urea 857287-23-1P, N-(5-tert-Butyl-1,3,4-thiadiazol-2-yl)-N'-[3-[(4,6-diaminopyrimidin-5-yl)ethynyl]phenyl]urea 857287-24-2P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[(4,6-diaminopyrimidin-5-yl)ethynyl]phenyl]urea 857287-25-3P,

N-[3-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-N'-(2,3-dihydro-1,4-benzodioxin-6-yl)urea 857287-26-4P,  
 N-[3-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-N'-[2-(morpholin-4-yl)phenyl]urea 857287-27-5P,  
 N-[3-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-N'-(1-methylpiperidin-4-yl)urea 857287-28-6P, N-[3-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-N'-(1-propylpiperidin-4-yl)urea 857287-29-7P,  
 N-[3-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-2-(2-methoxyphenyl)acetamide 857287-30-0P,  
 N-[3-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-2-[3-(trifluoromethyl)phenyl]acetamide 857287-31-1P,  
 N-[3-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-2-[4-(trifluoromethyl)phenyl]acetamide 857287-32-2P,  
 N-[3-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-2-(3-methoxyphenyl)acetamide 857287-35-5P,  
 N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[4-(methylamino)pyrimidin-5-yl]ethynyl]phenyl]urea 857287-36-6P,  
 N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[4-[[3-(isopropylamino)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857287-37-7P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[4-[[2-(pyrrolidin-1-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857287-38-8P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[4-[[5-tert-butylisoxazol-3-yl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857287-39-9P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[4-[[3-(dimethylamino)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857287-40-2P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[4-[[2-(hydroxyethyl)amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857287-41-3P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[4-[[2-(morpholin-4-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857287-42-4P, N-[3-[[4-[(4-Aminobutyl)amino]pyrimidin-5-yl]ethynyl]phenyl]-N'-(5-tert-butylisoxazol-3-yl)urea 857287-43-5P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[4-[[3-(pyrrolidin-1-yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857287-44-6P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[4-[[2,4-dimethoxybenzyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857287-45-7P, N-[3-[[4-[[2-Aminoethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]-N'-(5-tert-butylisoxazol-3-yl)urea 857287-46-8P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[4-[[2-(dimethylamino)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857287-47-9P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[4-[[4-(dimethylamino)butyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857287-48-0P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[4-[[N-[2-(dimethylamino)ethyl]methylamino]pyrimidin-5-yl]ethynyl]phenyl]urea 857287-49-1P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[4-[[2-(piperidin-1-yl)ethyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857287-50-4P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[4-[[3-(morpholin-4-yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857287-51-5P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[4-[[3-(piperidin-1-yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857287-52-6P, N-(5-tert-Butylisoxazol-3-yl)-N'-[3-[[4-[[3-(4-methylpiperazin-1-yl)propyl]amino]pyrimidin-5-yl]ethynyl]phenyl]urea 857287-57-1P, N-[3-[(4,6-Diaminopyrimidin-5-yl)ethynyl]phenyl]-N'-(2,3-dihydro-1H-inden-1-yl)urea  
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

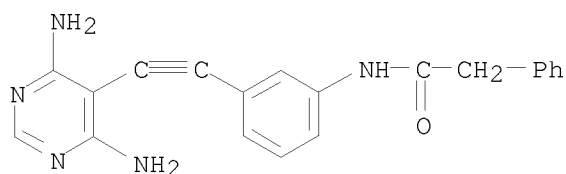
(inhibitor; preparation of aminopyrimidine derivs. as inhibitors of Tie2 receptor tyrosine kinases)

RN 857287-02-6 CAPLUS

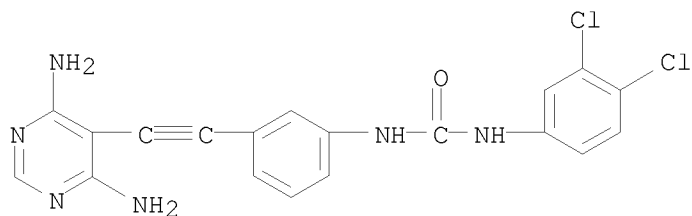
CN Urea, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-N'-phenyl- (CA INDEX NAME)



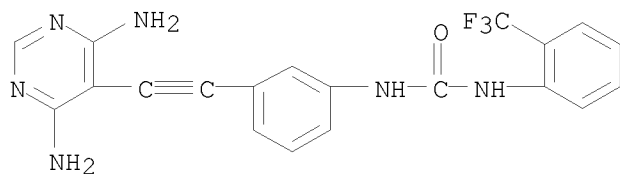
RN 857287-04-8 CAPLUS  
 CN Benzeneacetamide, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]- (CA INDEX NAME)



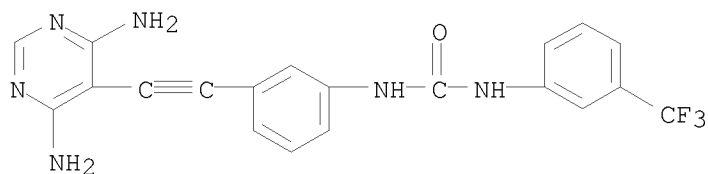
RN 857287-05-9 CAPLUS  
 CN Urea, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-N'-(3,4-dichlorophenyl)- (CA INDEX NAME)



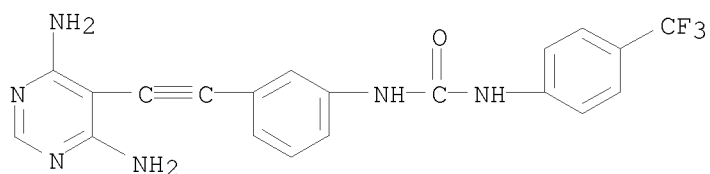
RN 857287-06-0 CAPLUS  
 CN Urea, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-N'-(2-(trifluoromethyl)phenyl)- (CA INDEX NAME)



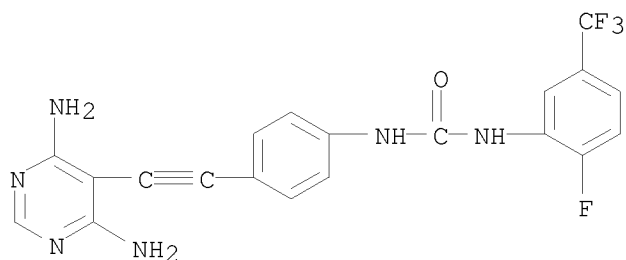
RN 857287-07-1 CAPLUS  
 CN Urea, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-N'-(3-(trifluoromethyl)phenyl)- (CA INDEX NAME)



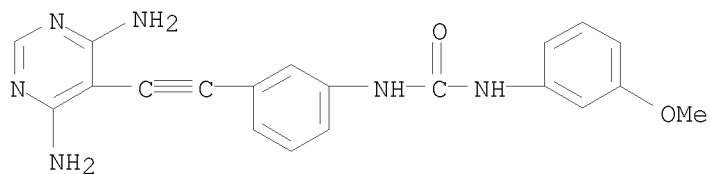
RN 857287-08-2 CAPLUS  
 CN Urea, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-N'-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)



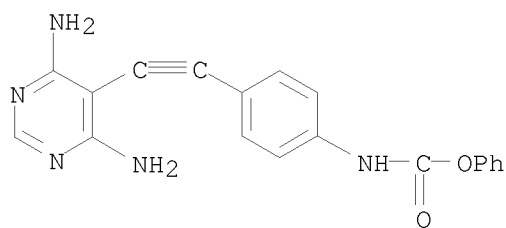
RN 857287-09-3 CAPLUS  
 CN Urea, N-[4-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-N'-[2-fluoro-5-(trifluoromethyl)phenyl]- (CA INDEX NAME)



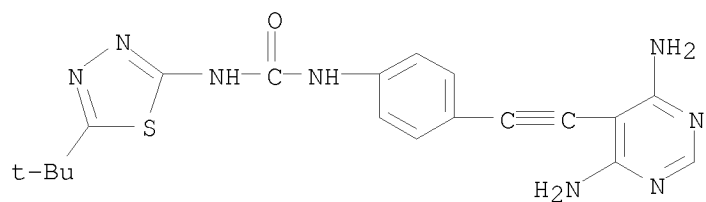
RN 857287-10-6 CAPLUS  
 CN Urea, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-N'-(3-methoxyphenyl)- (CA INDEX NAME)



RN 857287-11-7 CAPLUS  
 CN Carbamic acid, [4-[(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-, phenyl ester (9CI) (CA INDEX NAME)

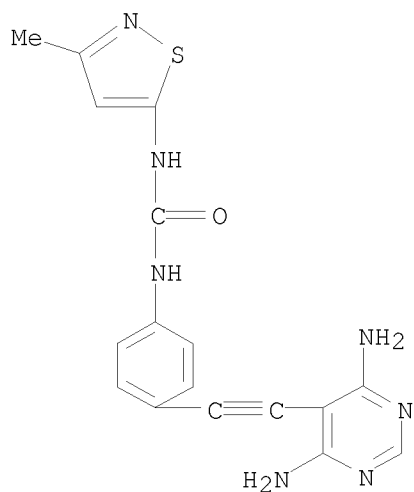


RN 857287-14-0 CAPLUS  
 CN Urea, N-[4-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]- (CA INDEX NAME)



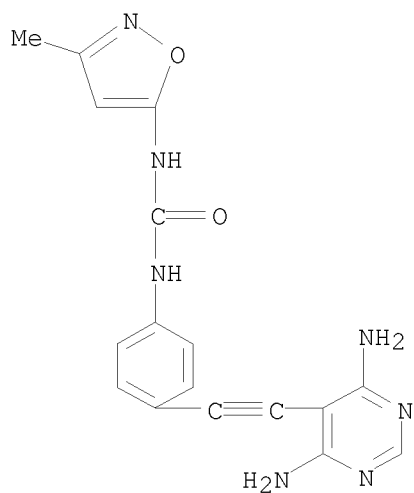
RN 857287-15-1 CAPLUS

CN Urea, N-[4-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-N'-(3-methyl-5-isothiazolyl)- (CA INDEX NAME)



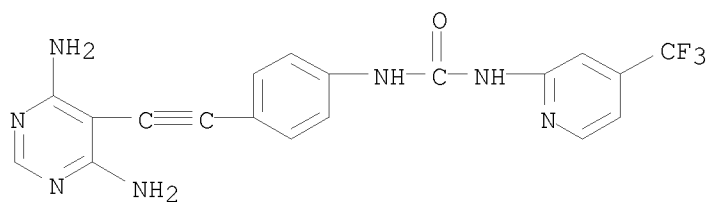
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CN Urea, N-[4-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-N'-(3-methyl-5-isoxazolyl)- (CA INDEX NAME)



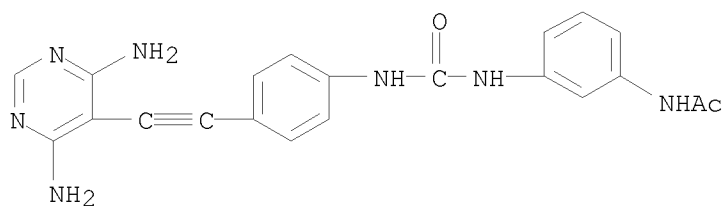
RN 857287-17-3 CAPLUS

CN Urea, N-[4-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-N'-(4-(trifluoromethyl)-2-pyridinyl)- (CA INDEX NAME)



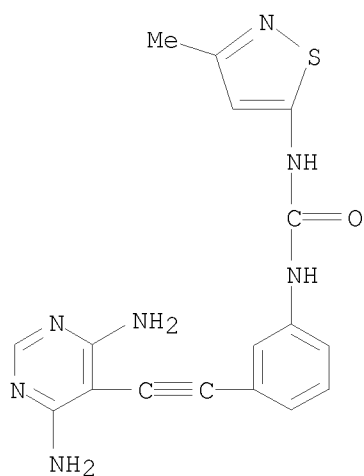
RN 857287-18-4 CAPLUS

CN Acetamide, N-[3-[[[4-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]amino]carbonyl]amino]phenyl]- (CA INDEX NAME)



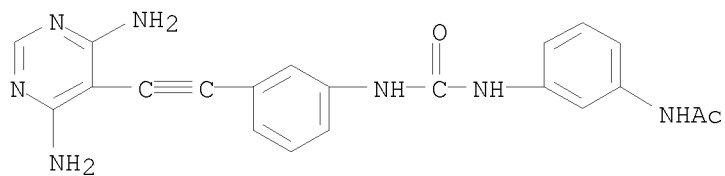
RN 857287-19-5 CAPLUS

CN Urea, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-N'-(3-methyl-5-isothiazolyl)- (CA INDEX NAME)



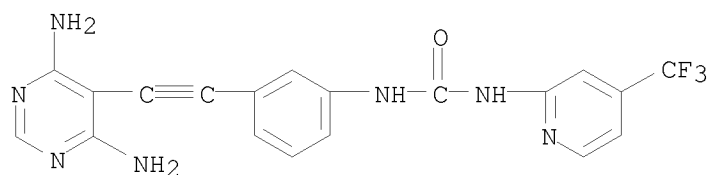
RN 857287-20-8 CAPLUS

CN Acetamide, N-[3-[[[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]amino]carbonyl]amino]phenyl]- (CA INDEX NAME)



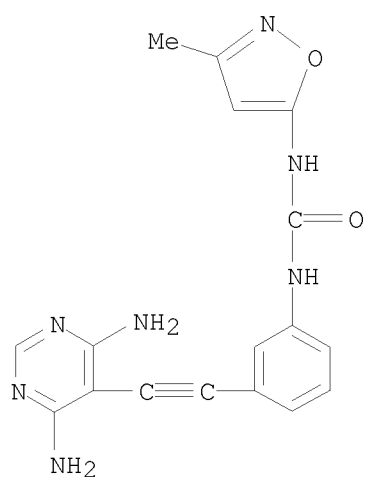
RN 857287-21-9 CAPLUS

RN Urea, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-N'-[4-(trifluoromethyl)-2-pyridinyl]- (CA INDEX NAME)



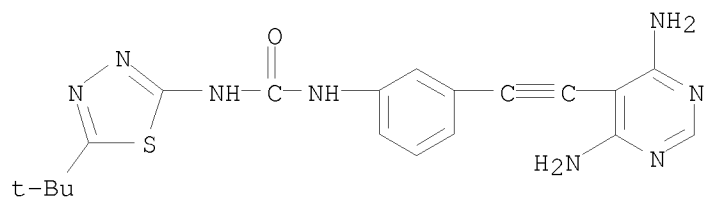
RN 857287-22-0 CAPLUS

CN Urea, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-N'-(3-methyl-5-isoxazolyl)- (CA INDEX NAME)



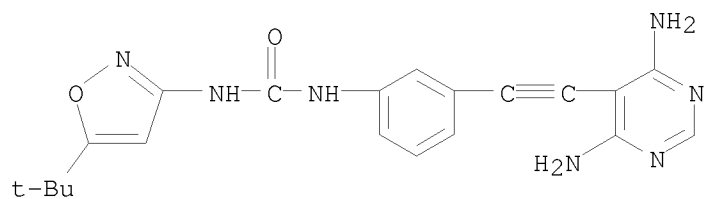
RN 857287-23-1 CAPLUS

CN Urea, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-1,3,4-thiadiazol-2-yl]- (CA INDEX NAME)



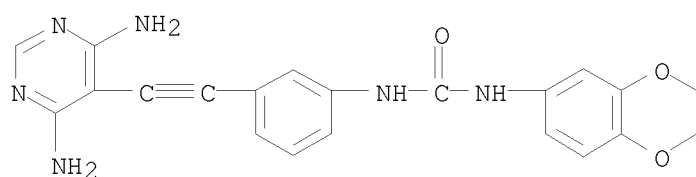
RN 857287-24-2 CAPLUS

CN Urea, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)



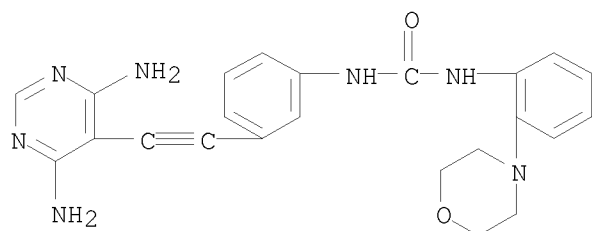
RN 857287-25-3 CAPLUS

CN Urea, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-N'-(2,3-dihydro-1,4-benzodioxin-6-yl)- (CA INDEX NAME)



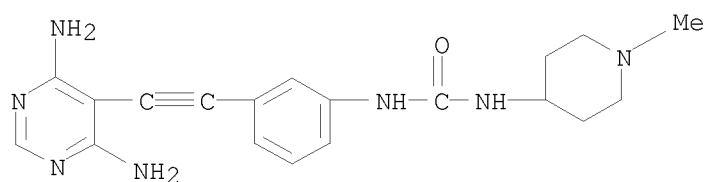
RN 857287-26-4 CAPLUS

CN Urea, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-N'-(2-(4-morpholinyl)phenyl)- (CA INDEX NAME)



RN 857287-27-5 CAPLUS

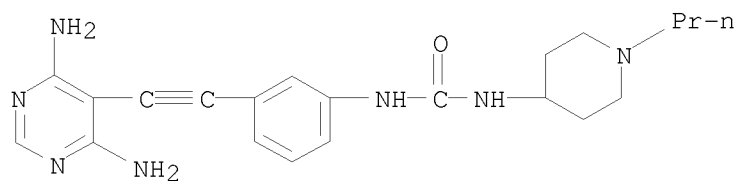
CN Urea, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-N'-(1-methyl-4-piperidinyl)- (CA INDEX NAME)



RN 857287-28-6 CAPLUS

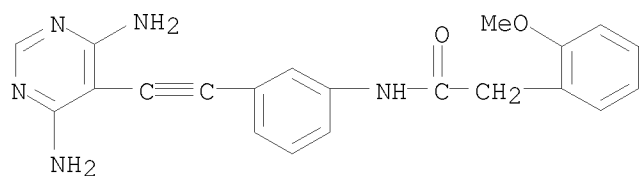
CN Urea, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-N'-(1-propyl-4-piperidinyl)- (CA INDEX NAME)





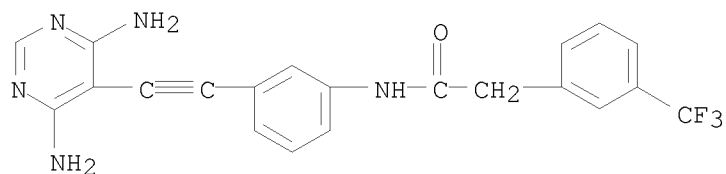
RN 857287-29-7 CAPLUS

CN Benzeneacetamide, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-2-methoxy- (CA INDEX NAME)



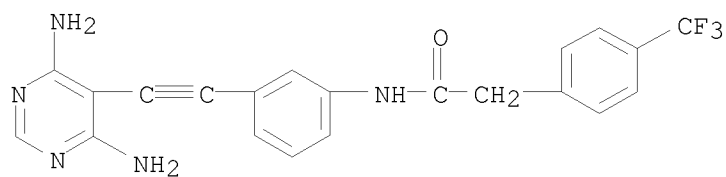
RN 857287-30-0 CAPLUS

CN Benzeneacetamide, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-3-(trifluoromethyl)- (CA INDEX NAME)



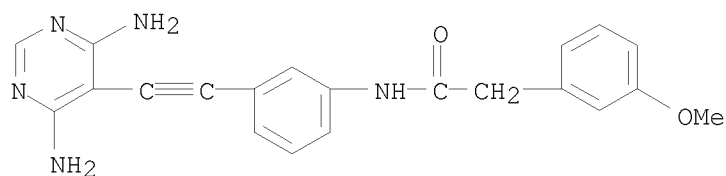
RN 857287-31-1 CAPLUS

CN Benzeneacetamide, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-4-(trifluoromethyl)- (CA INDEX NAME)



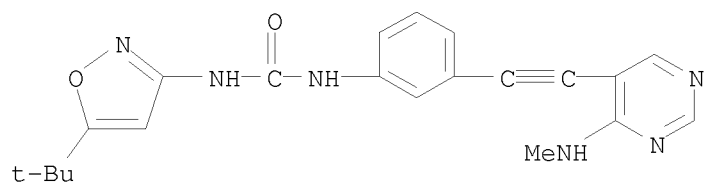
RN 857287-32-2 CAPLUS

CN Benzeneacetamide, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-3-methoxy- (CA INDEX NAME)



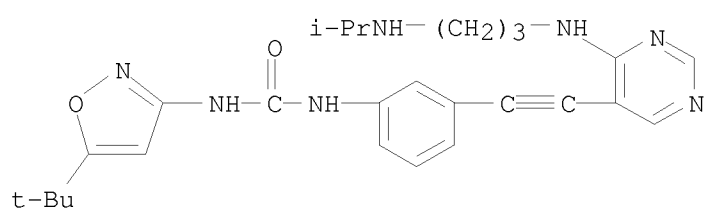
RN 857287-35-5 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[4-(methylamino)-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



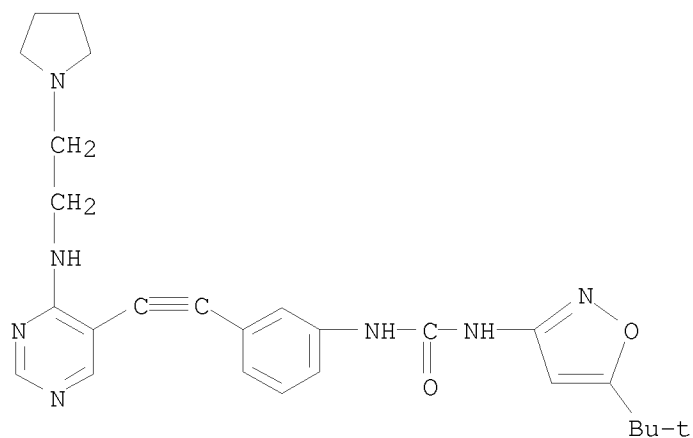
RN 857287-36-6 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[4-[[3-[(1-methylethyl)amino]propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



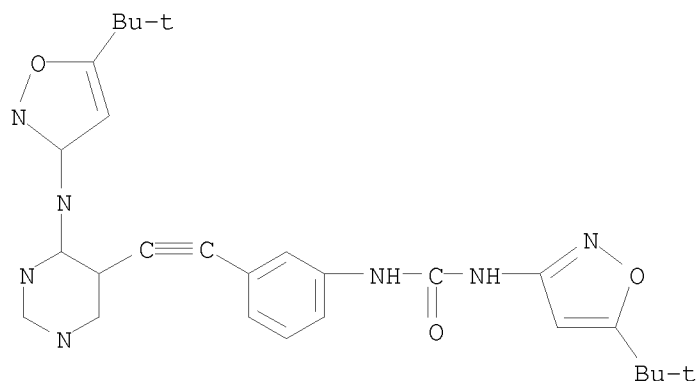
RN 857287-37-7 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[4-[[2-(1-pyrrolidinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



RN 857287-38-8 CAPLUS

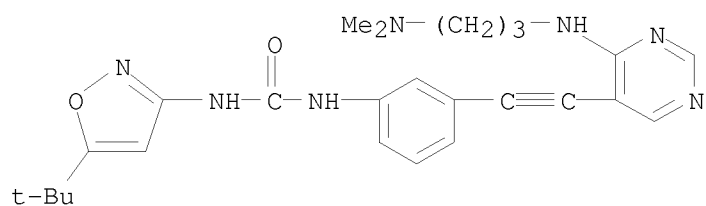
CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[4-[[5-(1,1-dimethylethyl)-3-isoxazolyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



ONE OR MORE TAUTOMERIC DOUBLE BONDS NOT DISPLAYED IN THE STRUCTURE

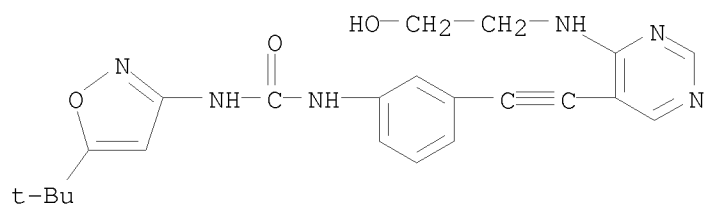
RN 857287-39-9 CAPLUS

CN Urea, N-[3-[2-[4-[[3-(dimethylamino)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)



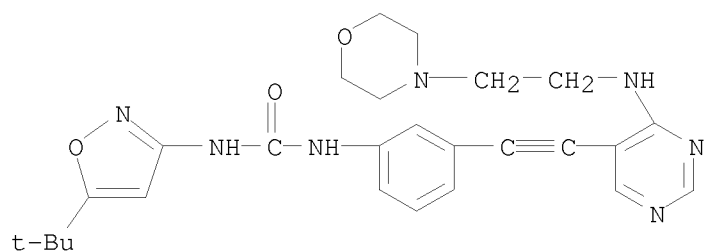
RN 857287-40-2 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[4-[(2-hydroxyethyl)amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



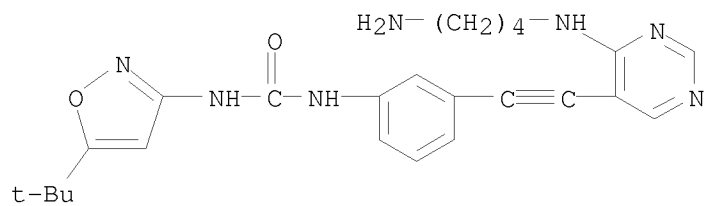
RN 857287-41-3 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[4-[[2-(4-morpholinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



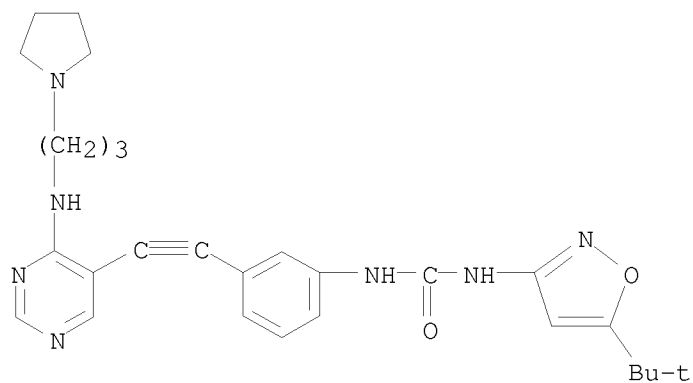
RN 857287-42-4 CAPLUS

CN Urea, N-[3-[2-[4-[(4-aminobutyl)amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)



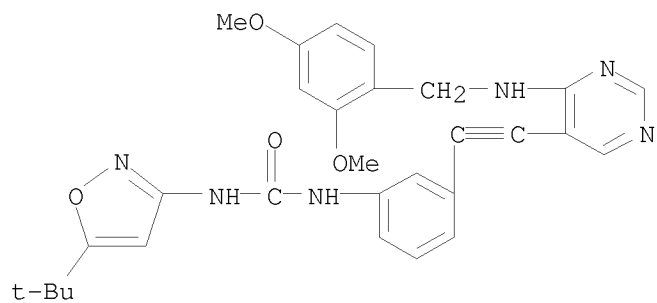
RN 857287-43-5 CAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[4-[[3-(1-pyrrolidinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



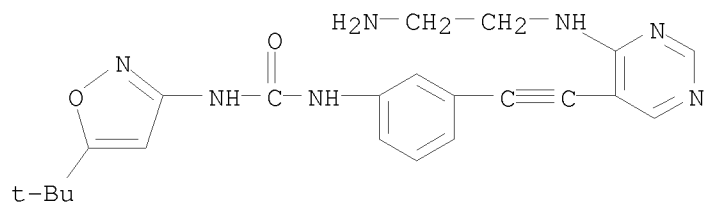
RN 857287-44-6 CAPLUS

CN Urea, N-[3-[2-[4-[[ (2,4-dimethoxyphenyl)methyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)

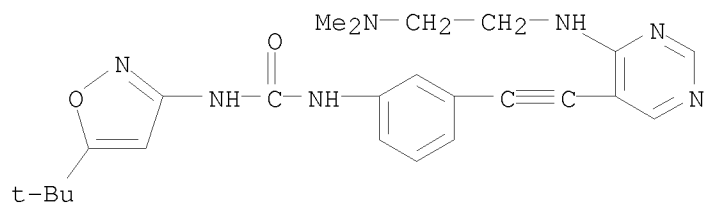


RN 857287-45-7 CAPLUS

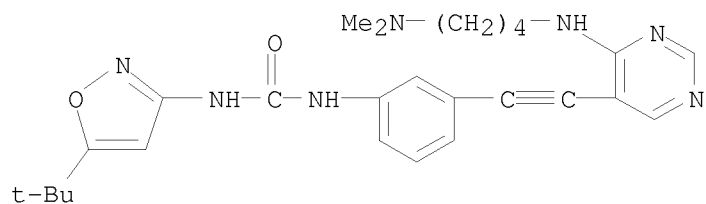
CN Urea, N-[3-[2-[4-[(2-aminoethyl)amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)



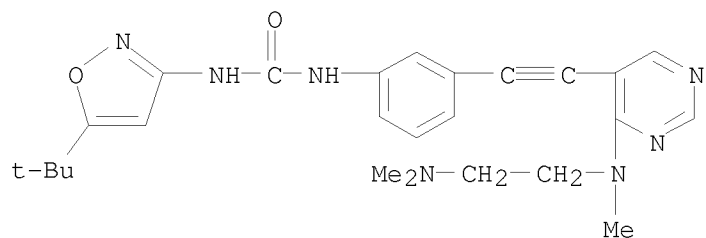
RN 857287-46-8 CAPLUS  
 CN Urea, N-[3-[2-[4-[[2-(dimethylamino)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)



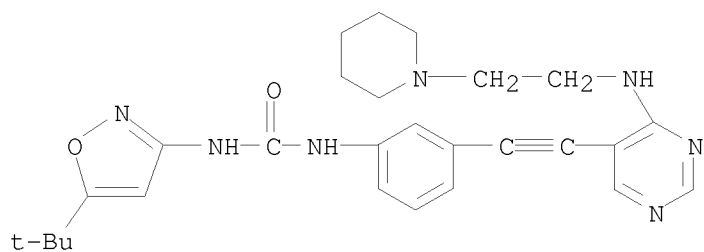
RN 857287-47-9 CAPLUS  
 CN Urea, N-[3-[2-[4-[[4-(dimethylamino)butyl]amino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)



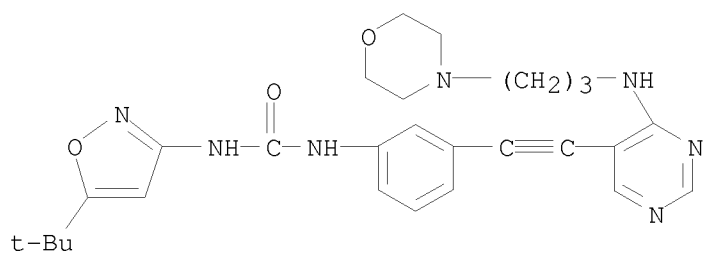
RN 857287-48-0 CAPLUS  
 CN Urea, N-[3-[2-[4-[[2-(dimethylamino)ethyl]methylamino]-5-pyrimidinyl]ethynyl]phenyl]-N'-[5-(1,1-dimethylethyl)-3-isoxazolyl]- (CA INDEX NAME)



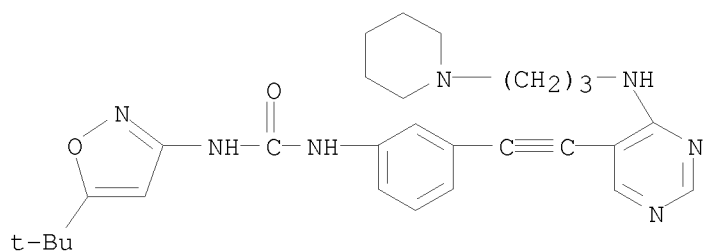
RN 857287-49-1 CAPLUS  
 CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[4-[[2-(1-piperidinyl)ethyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



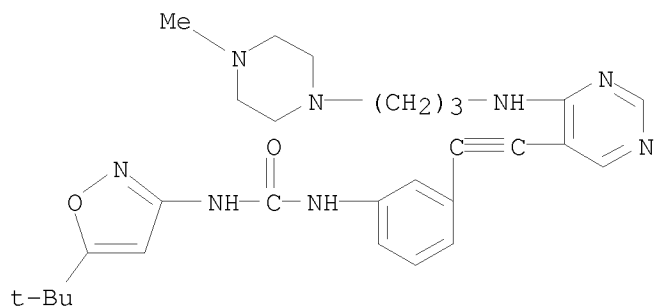
RN 857287-50-4 CAPLUS  
 CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[4-[[3-(4-morpholinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



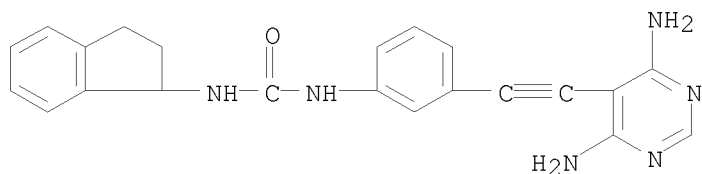
RN 857287-51-5 CAPLUS  
 CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[4-[[3-(1-piperidinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



RN 857287-52-6 CAPLUS  
 CN Urea, N-[5-(1,1-dimethylethyl)-3-isoxazolyl]-N'-[3-[2-[4-[[3-(4-methyl-1-piperazinyl)propyl]amino]-5-pyrimidinyl]ethynyl]phenyl]- (CA INDEX NAME)



RN 857287-57-1 CAPLUS  
CN Urea, N-[3-[2-(4,6-diamino-5-pyrimidinyl)ethynyl]phenyl]-N'-(2,3-dihydro-1H-inden-1-yl)- (CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

37.70

808.63

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-4.10

-6.56

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